COMMONWEALTH OF VIRGINIA

DEPARTMENT OF HEALTH

DIVISION OF HIV/STD SURVEILLANCE QUARTERLY

June 30, 2002 SECOND QUARTER, 2002 Volume 10, Number 3

DIVISION OF HIV/STD SURVEILLANCE QUARTERLY

Virginia Cases Reported Through June 30, 2002

Second Quarter, 2002 Volume 10, Number 3

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Contents

Tables:

Maps and Figures:

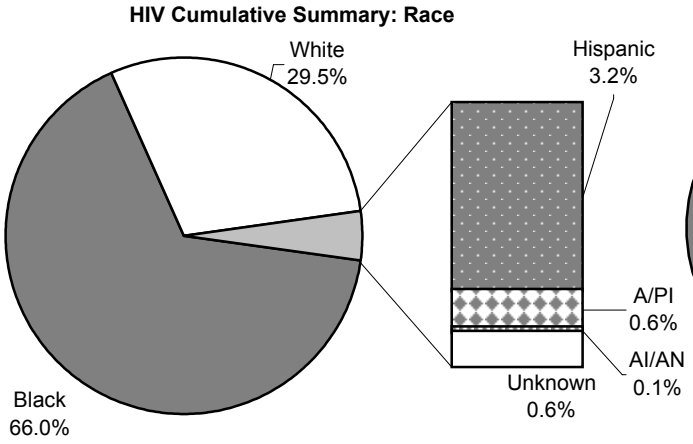
Articles, News and Information:

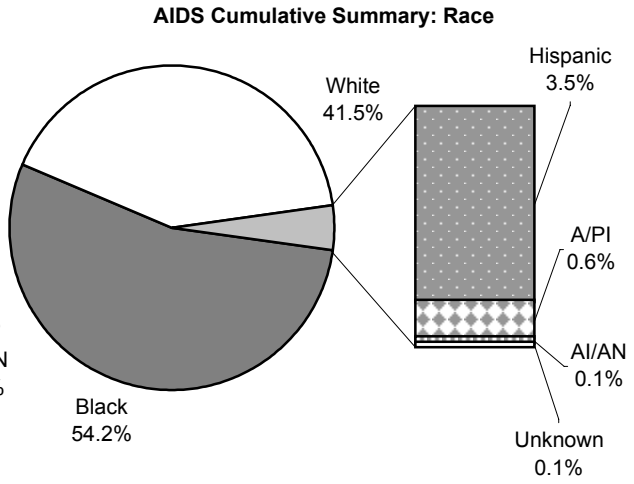
www.vdh.state.va.us/std

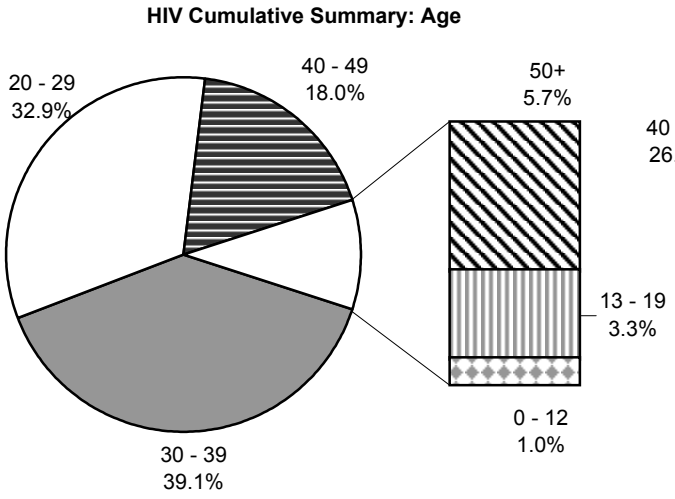
TABLE 1.A HIV and AIDS Cumulative Case Summary

	HIV		AIDS	
GENDER	**No.**	**%**	**No.**	**%**
Male	10,338	73.0	11,758	82.3
Female	3,832	27.0	2,536	17.7
Total	14,170	100.0	14,294	100.0
RACE/ETHNICITY				
White	4,181	29.5	5,934	41.5
Black	9,358	66.0	7,744	54.2
Hispanic	451	3.2	502	3.5
Asian/Pacific Islander	89	0.6	92	0.6
American Indian/Alaskan Native	10	0.1	14	0.1
Unknown	81	0.6	8	0.1
Total	14,170	100.0	14,294	100.0
AGE [1]				
0-12	138	1.0	174	1.2
13-19	469	3.3	73	0.5
20-29	4,664	32.9	2,471	17.3
30-39	5,542	39.1	6,410	44.8
40-49	2,546	18.0	3,738	26.2
50 and Over	807	5.7	1,428	10.0
Unknown	4	0.0	0	0.0
Total	14,170	100.0	14,294	100.0
MODE OF TRANSMISSION				
Men Having Sex with Men (MSM) [2]	5,028	35.5	7,094	49.6
Injecting Drug Use (IDU)	2,598	18.3	2,537	17.7
MSM & IDU	663	4.7	746	5.2
Hemophilia	69	0.5	103	0.7
Heterosexual Contact [3]	2,736	19.3	2,031	14.2
Transfusion Blood/Products* [4]	118	0.8	269	1.9
Other:				
No Identified Risk (NIR)	807	5.7	392	2.7
Multiple Heterosexual Contacts [5]	712	5.0	255	1.8
Undetermined/Unknown [6]	1,301	9.2	673	4.7
Adult/Adolescent Sub-Total	14,032	99.0	14,100	98.6
Pediatric [7]	138	1.0	194	1.4
Total	14,170	100.0	14,294	100.0

Figure A. HIV and AIDS Cumulative Summary Charts







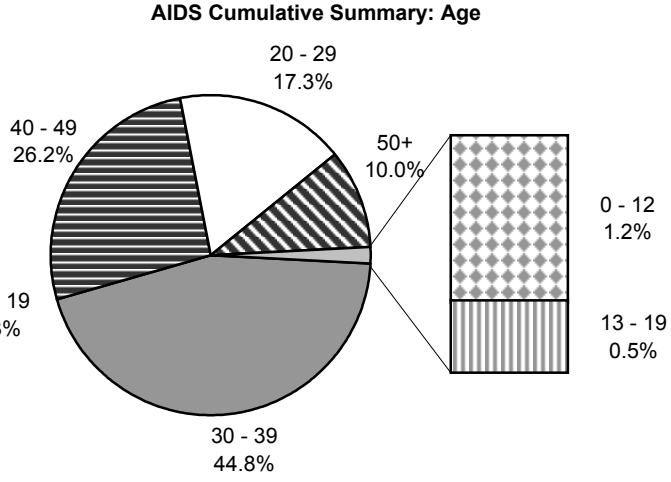
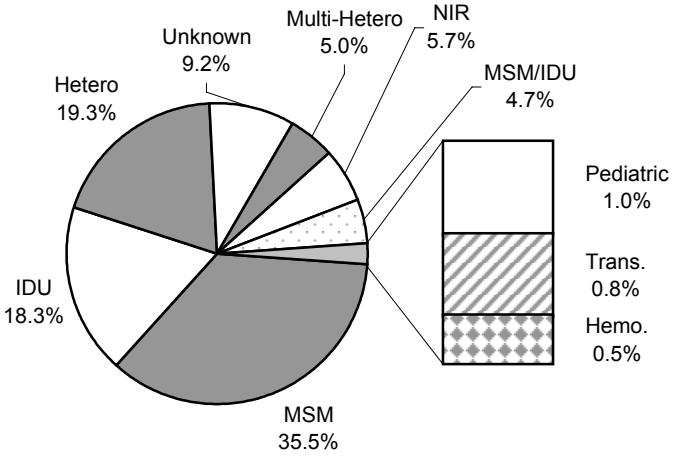
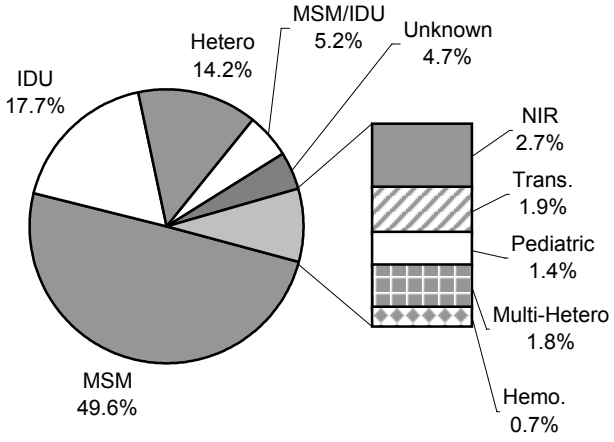


Figure A. HIV and AIDS Cumulative Summary Charts

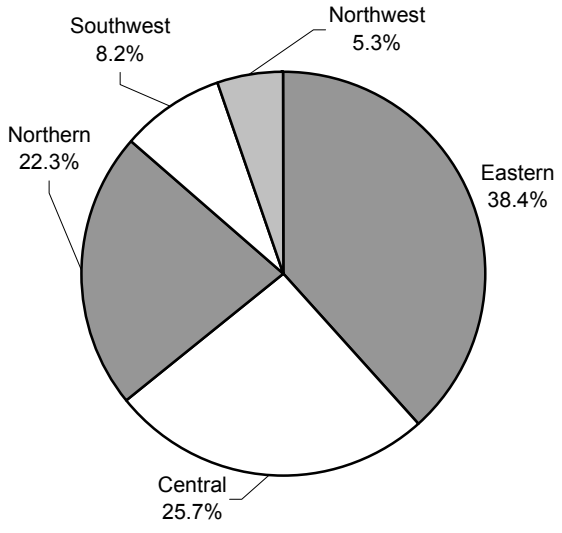
HIV Cumulative Summary: Transmission Mode



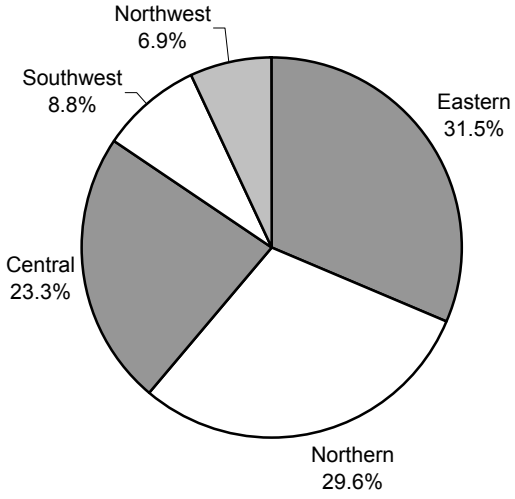
AIDS Cumulative Summary: Transmission Mode



HIV Cumulative Summary: Health Region



AIDS Cumulative Summary: Health Region



COMMONWEALTH OF VIRGINIA
Cumulative Data through June 30, 200

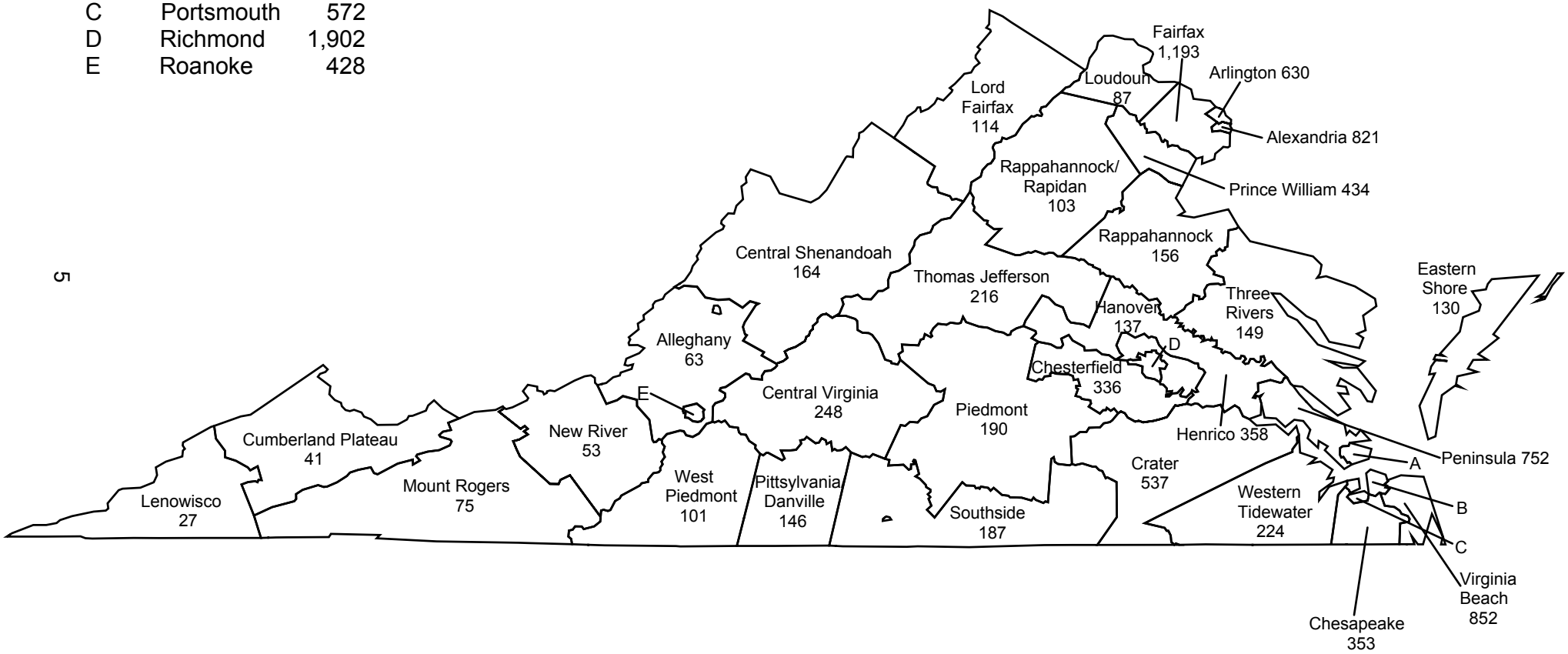
TABLE 1.B HIV and AIDS Unduplicated Summary*

	Unduplicated Count	
GENDER	**No.**	**%**
Male	18,303	78.1
Female	5,126	21.9
Total	23,429	100.0
RACE/ETHNICITY		
White	8,621	36.8
Black	13,710	58.5
Hispanic	834	3.6
Asian/Pacific Islander	154	0.7
American Indian/Alaskan Native	21	0.1
Unknown	89	0.4
Total	23,429	100.0
AGE [1]		
0-12	257	1.1
13-19	518	2.2
20-29	6,227	26.6
30-39	9,682	41.3
40-49	4,936	21.1
50 and Over	1,805	7.7
Unknown	4	0.0
Total	23,429	100.0
MODE OF TRANSMISSION		
Men Having Sex with Men (MSM) [2]	10,129	43.2
Injecting Drug Use (IDU)	3,941	16.8
MSM & IDU	1,049	4.5
Hemophilia	129	0.6
Heterosexual Contact [3]	3,760	16.0
Transfusion Blood/Products [4]	336	1.4
Other:		
No Identified Risk (NIR)	1,095	4.7
Multiple Heterosexual Contacts [5]	861	3.7
Undetermined/Unknown [6]	1,863	8.0
Adult/Adolescent Sub-Total	23,163	98.9
Pediatric [7]	266	1.1
Total	23,429	100.0
REGION		
Northwest	1,481	6.3
Northern	6,520	27.8
Southwest	1,943	8.3
Central	5,607	23.9
Eastern	7,878	33.6
Total	23,429	100.0

* Virginia regulations require reporting of HIV and AIDS separately; therefore, an individual may be reported once as an HIV case and once as an AIDS case. This table presents the total number of people who are either HIV or AIDS. People reported as both an HIV case and an AIDS case are counted only once.

Figure B.1 Virginia HIV Cases by Health District
July, 1989 through June 30, 2002

Letter	Location	Cases
A	Hampton	434
B	Norfolk	1,981
C	Portsmouth	572
D	Richmond	1,902
E	Roanoke	428



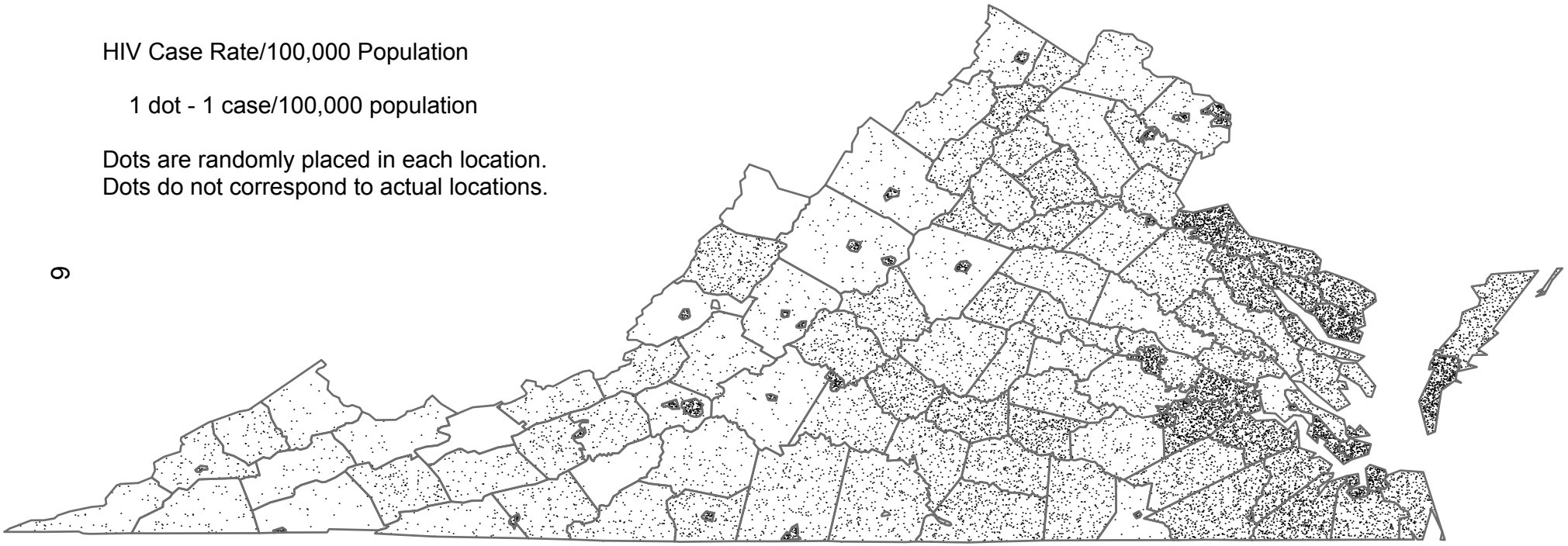
Demographic breakouts for Health Districts and Regions are in Tables 4 - 13.
Frequencies for counties and cities are in Tables 27 and 28.

Figure B.2 Virginia HIV Case Rate per 100,000 Population by Locality July, 1989 through June 30, 2002

HIV Case Rate/100,000 Population

1 dot - 1 case/100,000 population

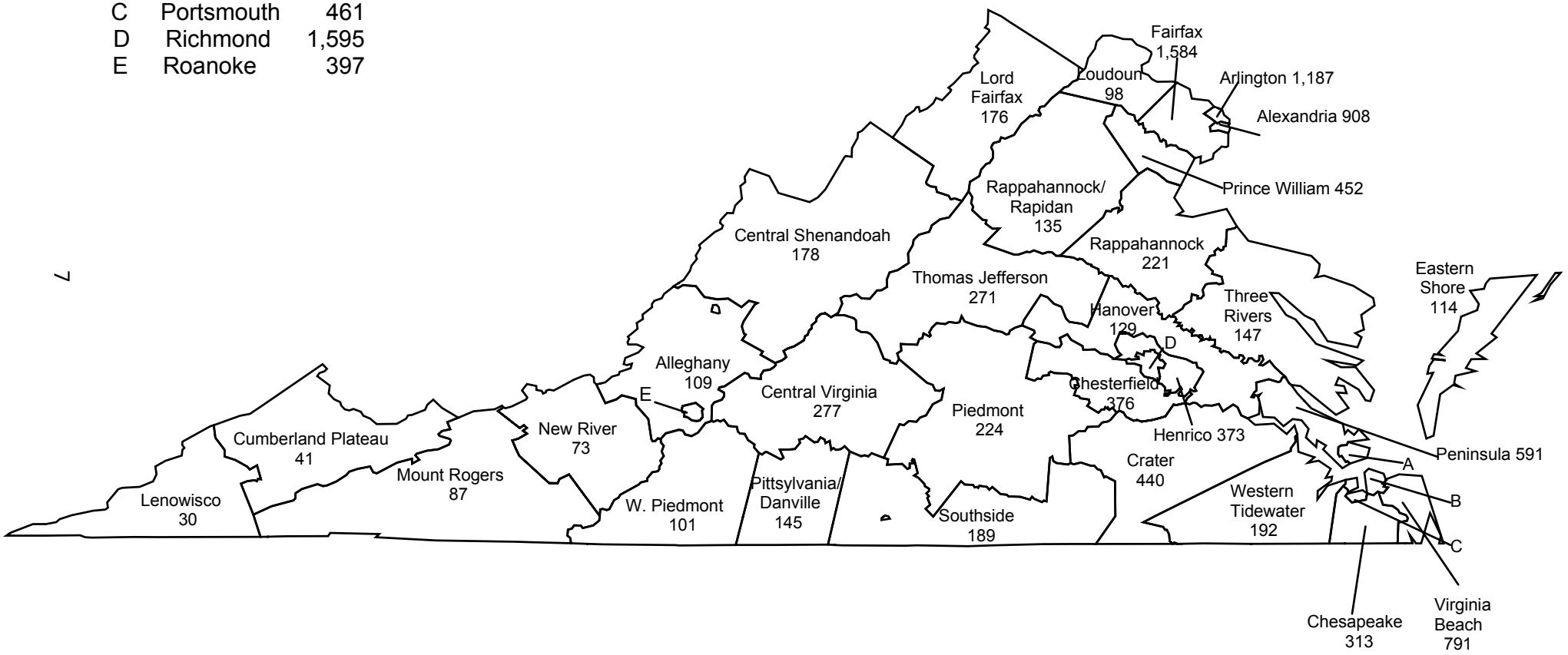
Dots are randomly placed in each location.
Dots do not correspond to actual locations.



Demographic breakouts for Health Districts and Regions are in Tables 4 - 13.
Frequencies for counties and cities are in Tables 27 and 28.

Figure C.1 Virginia AIDS Cases by Health District
1982 through June 30, 2002

Letter	Location	Cases
A	Hampton	346
B	Norfolk	1,543
C	Portsmouth	461
D	Richmond	1,595
E	Roanoke	397



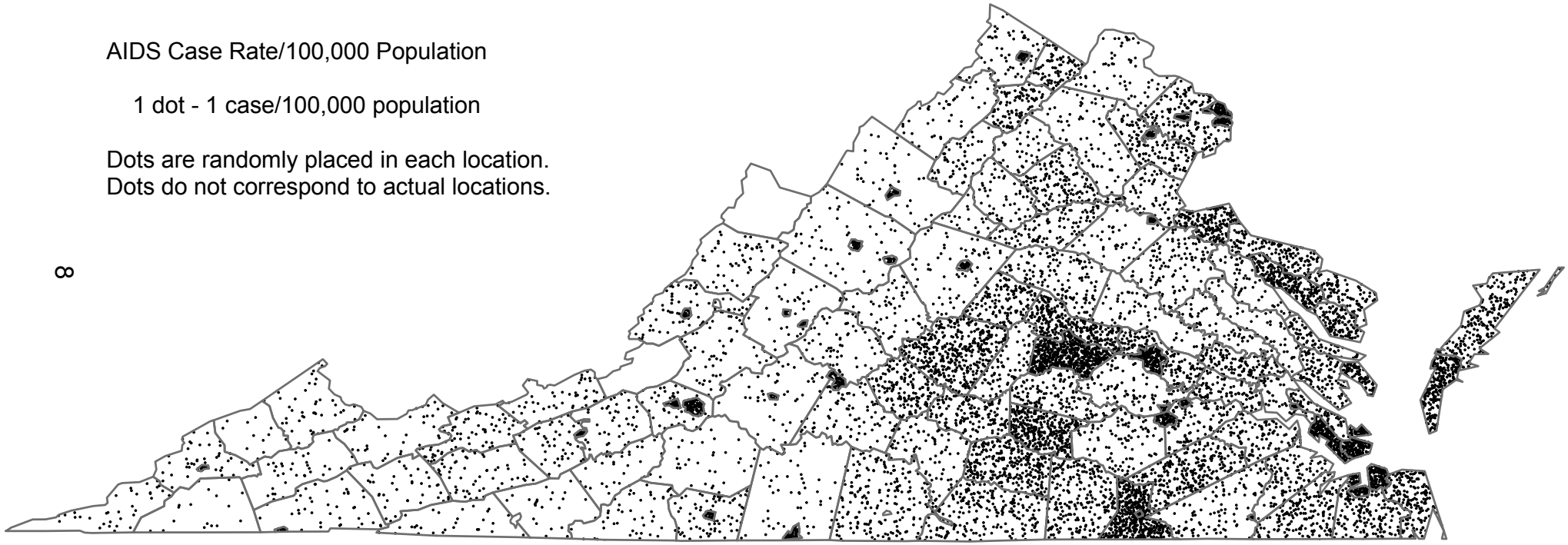
Demographic breakouts for Health Districts and Regions are in Tables 4 - 13.
Frequencies for counties and cities are in Tables 27 and 28.

Figure C.2 Virginia AIDS Case Rate per 100,000 Population by Locality 1982 through June 30, 2002

AIDS Case Rate/100,000 Population

1 dot - 1 case/100,000 population

Dots are randomly placed in each location.
Dots do not correspond to actual locations.



Demographic breakouts for Health Districts and Regions are in Tables 4 - 13.
Frequencies for counties and cities are in Tables 27 and 28.

TABLE 2. HIV Cases by Year of Report

	July 1989-1996		1997		1998		1999		2000		2001		2002	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Cases Reported	9,192		993		823		917		796		977		472	
Cumulative Cases	9,192		10,185		11,008		11,925		12,721		13,698		14,170	
Gender														
Male	6,895	75.0	701	70.6	575	69.9	629	68.6	548	68.8	671	68.7	319	67.6
Female	2,297	25.0	292	29.4	248	30.1	288	31.4	248	31.2	306	31.3	153	32.4
Total	9,192		993		823		917		796		977		472	
Race														
White	2,921	31.8	239	24.1	210	25.5	236	25.7	191	24.0	261	26.7	123	26.1
Black	5,948	64.7	710	71.5	566	68.8	635	69.2	546	68.6	641	65.6	312	66.1
Hispanic	232	2.5	30	3.0	32	3.9	38	4.1	39	4.9	56	5.7	24	5.1
Asian/Pac. Isl.	39	0.4	7	0.7	11	1.3	7	0.8	13	1.6	7	0.7	5	1.1
Amer Indian	8	0.1	1	0.1	0	0.0	1	0.1	0	0.0	0	0.0	0	0.0
Unknown	44	0.5	6	0.6	4	0.5	0	0.0	7	0.9	12	1.2	8	1.7
Total	9,192		993		823		917		796		977		472	
Age														
0 - 12	104	1.1	12	1.2	12	1.5	4	0.4	3	0.4	3	0.3	0	0.0
13 - 19	277	3.0	34	3.4	28	3.4	45	4.9	29	3.6	42	4.3	14	3.0
20 - 29	3303	35.9	278	28.0	211	25.6	254	27.7	232	29.1	257	26.3	129	27.3
30 - 39	3640	39.6	390	39.3	340	41.3	348	37.9	309	38.8	339	34.7	176	37.3
40 - 49	1451	15.8	220	22.2	177	21.5	199	21.7	152	19.1	240	24.6	107	22.7
50 +	417	4.5	58	5.8	55	6.7	67	7.3	70	8.8	95	9.7	45	9.5
Unknown	0	0.0	1	0.1	0	0.0	0	0.0	1	0.1	1	0.1	1	0.2
Total	9,192		993		823		917		796		977		472	
Selected Transmission Mode														
MSM [2]	3,395	36.9	328	33.0	276	33.5	307	33.5	244	30.7	332	34.0	146	30.9
IDU	2,027	22.1	168	16.9	102	12.4	98	10.7	77	9.7	93	9.5	33	7.0
MSM/IDU	540	5.9	29	2.9	27	3.3	26	2.8	18	2.3	15	1.5	8	1.7
Hemophilia	63	0.7	0	0.0	1	0.1	4	0.4	1	0.1	0	0.0	0	0.0
Heterosexual Contact [3]	1,577	17.2	238	24.0	201	24.4	230	25.1	184	23.1	216	22.1	90	19.1
Transfusion [4]	101	1.1	3	0.3	5	0.6	4	0.4	3	0.4	2	0.2	0	0.0
Multi-Heterosexual [5]	532	5.8	65	6.5	29	3.5	34	3.7	22	2.8	25	2.6	5	1.1
No Identified Risk (NIR)	854	9.3	150	15.1	170	20.7	210	22.9	244	30.7	291	29.8	190	40.3
Pediatric	103	1.1	12	1.2	12	1.5	4	0.4	3	0.4	3	0.3	0	0.0
Total	9,192		993		823		917		796		977		472	

COMMONWEALTH OF VIRGINIA
Cumulative Data through June 30, 2002

TABLE 3. AIDS Cases by Year of Repor

	1982-1996		1997		1998		1999		2000		2001		2002	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Cases Reported	8,962		1,170		961		909		902		970		420	
Cumulative Cases	8,962		10,132		11,093		12,002		12,904		13,874		14,294	
Gender														
Male	7,692	85.8	927	79.2	742	77.2	701	77.1	678	75.2	715	73.7	303	72.1
Female	1270	14.2	243	20.8	219	22.8	208	22.9	224	24.8	255	26.3	117	27.9
Total	8,962		1,170		961		909		902		970		420	
Race														
White	4,307	48.1	385	32.9	294	30.6	262	28.8	274	30.4	268	27.6	144	34.3
Black	4,317	48.2	730	62.4	637	66.3	601	66.1	571	63.3	643	66.3	245	58.3
Hispanic	273	3.0	47	4.0	24	2.5	41	4.5	44	4.9	48	4.9	25	6.0
Asian/Pac. Isl.	51	0.6	8	0.7	3	0.3	5	0.6	12	1.3	10	1.0	3	0.7
Amer Ind.	11	0.1	0	0.0	1	0.1	0	0.0	0	0.0	1	0.1	1	0.2
Unknown	3	0.0	0	0.0	2	0.2	0	0.0	1	0.1	0	0.0	2	0.5
Total	8,962		1,170		961		909		902		970		420	
Age														
0 - 12	142	1.6	10	0.9	4	0.4	3	0.3	7	0.8	7	0.7	1	0.2
13 - 19	42	0.5	8	0.7	5	0.5	5	0.6	3	0.3	8	0.8	2	0.5
20 - 29	1719	19.2	179	15.3	149	15.5	122	13.4	122	13.5	115	11.9	65	15.5
30 - 39	4,086	45.6	531	45.4	421	43.8	394	43.3	419	46.5	401	41.3	158	37.6
40 - 49	2149	24.0	323	27.6	286	29.8	284	31.2	246	27.3	305	31.4	145	34.5
50 +	824	9.2	119	10.2	96	10.0	101	11.1	105	11.6	134	13.8	49	11.7
Total	8,962		1,170		961		909		902		970		420	
Selected Transmission Mode														
MSM [2]	5,035	56.2	501	42.8	376	39.1	349	38.4	341	37.8	346	35.7	146	34.8
IDU	1610	18.0	205	17.5	206	21.4	180	19.8	132	14.6	151	15.6	53	12.6
MSM/IDU	525	5.9	68	5.8	43	4.5	38	4.2	31	3.4	32	3.3	9	2.1
Hemophilia	75	0.8	6	0.5	5	0.5	6	0.7	3	0.3	7	0.7	1	0.2
Heterosexual Contact [3]	961	10.7	250	21.4	194	20.2	162	17.8	175	19.4	189	19.5	100	23.8
Transfusion [4]	215	2.4	17	1.5	11	1.1	6	0.7	5	0.6	13	1.3	2	0.5
Multi-Heterosexual [5]	76	0.8	32	2.7	31	3.2	25	2.8	40	4.4	42	4.3	9	2.1
No Identified Risk (NIR)	312	3.5	78	6.7	91	9.5	138	15.2	167	18.5	180	18.6	99	23.6
Pediatric	153	1.7	13	1.1	4	0.4	5	0.6	8	0.9	10	1.0	1	0.2
Total	8,962		1,170		961		909		902		970		420	

TABLE 4. ***NORTHWEST REGION***

HIV	**C SHENANDOAH**		**LORD FAIRFAX**		**RAPPAHANNOCK**		**RAPP./RAPIDAN**		**TH. J**
	Cases	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Case**
Gender									
Male	135	82.3	78	68.4	121	77.6	77	74.8	
Female	29	17.7	36	31.6	35	22.4	26	25.2	
Total	164		114		156		103		2
Race									
White	96	58.5	75	65.8	76	48.7	53	51.5	
Black	60	36.6	37	32.5	74	47.4	48	46.6	
Hispanic	7	4.3	[9]		5	3.2	[9]		
Other / Unknown	1	0.6	2	1.8	1	0.6	2	1.9	
Total	164		114		156		103		2
Age									
0 - 12 [8]	4	2.4	[9]		[9]		[9]		
13 - 19 [8]	3	1.8	9	7.9	6	3.8	[9]		
20 - 29	53	32.3	42	36.8	37	23.7	33	32.0	
30 - 39	73	44.5	39	34.2	64	41.0	42	40.8	
40 +	31	18.9	22	19.3	47	30.1	26	25.2	
Other / Unknown	0	18.9	2	1.8	2	1.3	2	1.9	
Total	164		114		156		103		2
Selected Transmission Mode									
MSM [2]	69	42.1	38	33.3	62	39.7	39	37.9	
IDU	41	25.0	16	14.0	24	15.4	17	16.5	
MSM/IDU	14	8.5	5	4.4	7	4.5	9	8.7	
Heterosexual Contact [3]	20	12.2	26	22.8	31	19.9	17	16.5	
No Identified Risk (NIR)	13	7.9	23	20.2	29	18.6	15	14.6	
Other [10]	7	4.3	6	5.3	3	1.9	6	5.8	
Total	164		114		156		103		2

TABLE 5. ***NORTHWEST REGION***

AIDS	**C SHENANDOAH**		**LORD FAIRFAX**		**RAPPAHANNOCK**		**RAPP./RAPIDAN**		**TH. JEFFERSON**	
	Cases	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**
Gender										
Male	143	80.3	151	85.8	170	76.9	113	83.7	213	78.6
Female	35	19.7	25	14.2	51	23.1	22	16.3	58	21.4
Total	178		176		221		135		271	
Race										
White	99	55.6	143	81.3	114	51.6	72	53.3	125	46.1
Black	69	38.8	31	17.6	96	43.4	61	45.2	140	51.7
Hispanic	9	5.1	[9]		10	4.5	[9]		3	1.1
Other / Unknown	1	0.6	2	1.1	1	0.5	2	1.5	3	1.1
Total	178		176		221		135		271	
Age										
0 - 12 [8]	3	1.7	3	1.7	[9]		[9]		[9]	
13 - 19 [8]	[9]		[9]		[9]				[9]	
20 - 29	38	21.3	30	17.0	42	19.0	23	17.0	55	20.3
30 - 39	65	36.5	73	41.5	92	41.6	58	43.0	114	42.1
40 +	70	39.3	69	39.2	84	38.0	52	38.5	99	36.5
Other / Unknown	2	1.1	1	0.6	3	1.4	2	1.5	3	1.1
Total	178		176		221		135		271	
Selected Transmission Mode										
MSM [2]	73	41.0	93	52.8	92	41.6	57	42.2	132	48.7
IDU	39	21.9	25	14.2	41	18.6	25	18.5	48	17.7
MSM/IDU	7	3.9	10	5.7	13	5.9	12	8.9	10	3.7
Heterosexual Contact [3]	28	15.7	20	11.4	34	15.4	14	10.4	42	15.5
No Identified Risk (NIR)	9	5.1	11	6.3	33	14.9	15	11.1	17	6.3
Other [10]	22	12.4	17	9.7	8	3.6	12	8.9	22	8.1
Total	178		176		221		135		271	

COMMONWEALTH OF VIRGINIA
Cumulative Data through June 30, 2002

TABLE 6. ***NORTHERN REGION***

HIV	**ALEXANDRIA**		**ARLINGTON**		**FAIRFAX**		**LOUDOUN**		**PRINCE WM**		**TO**
	Cases	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**
Gender											
Male	591	72.0	479	76.0	865	72.5	63	72.4	298	68.7	2,296
Female	230	28.0	151	24.0	328	27.5	24	27.6	136	31.3	869
Total	821		630		1,193		87		434		3,165
Race											
White	230	28.0	246	39.0	480	40.2	36	41.4	159	36.6	1,151
Black	537	65.4	313	49.7	586	49.1	42	48.3	234	53.9	1,712
Hispanic	42	5.1	55	8.7	85	7.1	7	8.0	34	7.8	223
Other / Unknown	12	1.5	16	2.5	42	3.5	2	2.3	7	1.6	79
Total	821		630		1,193		87		434		3,165
Age											
0 - 12	3	0.4	[9]		11	0.9	[9]		[9]		14
13 - 19	19	2.3	11	1.7	28	2.3	[9]		14	3.2	72
20 - 29	245	29.8	176	27.9	356	29.8	24	27.6	155	35.7	956
30 - 39	350	42.6	266	42.2	486	40.7	35	40.2	175	40.3	1,312
40 +	204	24.8	175	27.8	312	26.2	25	28.7	88	20.3	804
Other / Unknown	0	0.0	2	0.3	0	0.0	3	3.4	2	0.5	7
Total	821		630		1,193		87		434		3,165
Selected Transmission Mode											
MSM [2]	310	37.8	274	43.5	454	38.1	38	43.7	120	27.6	1,196
IDU	138	16.8	119	18.9	204	17.1	10	11.5	95	21.9	566
MSM/IDU	28	3.4	[9]		32	2.7	[9]		19	4.4	99
Heterosexual Contact [3]	158	19.2	79	12.5	195	16.3	15	17.2	82	18.9	529
No Identified Risk (NIR)	178	21.7	129	20.5	273	22.9	16	18.4	105	24.2	701
Other [10]	9	1.1	29	4.6	35	2.9	8	9.2	13	3.0	74
Total	821		630		1,193		87		434		3,165

COMMONWEALTH OF VIRGINIA
Cumulative Data through June 30, 2002

TABLE 7. ***NORTHERN REGION***

AIDS	**ALEXANDRIA**		**ARLINGTON**		**FAIRFAX**		**LOUDOUN**		**PRINCE WM**		
	Cases	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**C**
Gender											
Male	778	85.7	1,098	92.5	1,368	86.4	87	88.8	357	79.0	
Female	130	14.3	89	7.5	216	13.6	11	11.2	95	21.0	
Total	908		1,187		1,584		98		452		
Race											
White	438	48.2	758	63.9	921	58.1	57	58.2	220	48.7	
Black	408	44.9	318	26.8	498	31.4	35	35.7	200	44.2	
Hispanic	55	6.1	94	7.9	127	8.0	4	4.1	25	5.5	
Other / Unknown	7	0.8	17	1.4	38	2.4	2	2.0	7	1.5	
Total	908		1,187		1,584		98		452		
Age											
0 - 12	3	0.3	[9]		12	0.8	[9]		13	2.9	
13 - 19	[9]		[9]		10	0.6	3	3.1	3	0.7	
20 - 29	158	17.4	161	13.6	261	16.5	18	18.4	74	16.4	
30 - 39	424	46.7	551	46.4	700	44.2	47	48.0	207	45.8	
40 +	322	35.5	472	39.8	601	37.9	29	29.6	155	34.3	
Other / Unknown	1	0.1	3	0.3	0	0.0	1	1.0	0	0.0	
Total	908		1,187		1,584		98		452		
Selected Transmission Mode											
MSM [2]	553	60.9	863	72.7	938	59.2	55	56.1	195	43.1	
IDU	113	12.4	112	9.4	204	12.9	14	14.3	90	19.9	
MSM/IDU	31	3.4	43	3.6	51	3.2	7	7.1	21	4.6	
Heterosexual Contact [3]	98	10.8	74	6.2	161	10.2	7	7.1	53	11.7	
No Identified Risk (NIR)	97	10.7	77	6.5	171	10.8	7	7.1	60	13.3	
Other [10]	16	1.8	18	1.5	59	3.7	8	8.2	33	7.3	
Total	908		1,187		1,584		98		452		

TABLE 8. ***SOUTHWEST REGION***

HIV	ALLEGHANY		CENTRAL VA		CUMB PLAT		LENOWISCO		MT ROGERS		NEW RIVER		PITTS/DAN		ROANOKE		W PIEDMONT		TOTAL	
	Cases	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**
Gender																				
Male	48	76.2	162	65.3	37	90.2	24	88.9	58	77.3	43	81.1	91	62.3	306	71.5	53	68.8	822	71.0
Female	15	23.8	86	34.7	4	9.8	3	11.1	17	22.7	10	18.9	55	37.7	122	28.5	24	31.2	336	29.0
Total	63		248		41		27		75		53		146		428		77		1,158	
Race																				
White	40	63.5	88	35.5	23	56.1	18	66.7	55	73.3	38	71.7	41	28.1	195	45.6	29	37.7	527	45.5
Black	23	36.5	158	63.7	18	43.9	8	29.6	19	25.3	15	28.3	104	71.2	220	51.4	44	57.1	609	52.6
Hispanic	0	0.0	[9]		0	0.0	0	0.0	[9]		0	0.0	[9]		7	1.6	4	5.2	13	1.1
Other / Unknown	0	0.0	2	0.8	0	0.0	1	3.7	1	1.3	0	0.0	1	0.7	6	1.4	0	0.0	9	0.8
Total	63		248		41		27		75		53		146		428		77		1,158	
Age																				
0 - 12	[9]		9	3.6	[9]		[9]		0	0.0	[9]		3	2.1	6	1.4	[9]		18	1.6
13 - 19	[9]		9	3.6	4	9.8	[9]		3	4.0	[9]		8	5.5	14	3.3	4		42	3.6
20 - 29	16	25.4	70	28.2	17	41.5	10	37.0	25	33.3	19	35.8	49	33.6	152	35.5	26	33.8	384	33.2
30 - 39	26	41.3	104	41.9	11	26.8	8	29.6	25	33.3	11	20.8	53	36.3	178	41.6	30	39.0	446	38.5
40 +	18	28.6	56	22.6	8	19.5	7	25.9	22	29.3	20	37.7	33	22.6	78	18.2	15	19.5	257	22.2
Other / Unknown	3	4.8	0	0.0	1	2.4	2	7.4	0	0.0	3	5.7	0	0.0	0	0.0	2	2.6	11	
Total	63		248		41		27		75		53		146		428		77		1,158	
Selected Transmission Mode																				
MSM [2]	22	34.9	78	31.5	12	29.3	7	25.9	29	38.7	23	43.4	35	24.0	188	43.9	23	29.9	417	36.0
IDU	14	22.2	39	15.7	8	19.5	6	22.2	7	9.3	6	11.3	23	15.8	73	17.1	13	16.9	189	16.3
MSM/IDU	4	6.3	16	6.5	3	7.3	[9]		6	8.0	[9]		8	5.5	23	5.4	4	5.2	70	6.0
Heterosexual Contact [3]	12	19.0	60	24.2	8	19.5	5	18.5	18	24.0	10	18.9	46	31.5	84	19.6	17	22.1	260	22.5
No Identified Risk (NIR)	8	12.7	43	17.3	4	9.8	4	14.8	15	20.0	11	20.8	28	19.2	51	11.9	17	22.1	181	15.6
Other [10]	3	4.8	12	4.8	6	14.6	5	18.5	0	0.0	3	5.7	6	4.1	9	2.1	3	3.9	41	3.5
Total	63		248		41		27		75		53		146		428		77		1,158	

COMMONWEALTH OF VIRGINIA
Cumulative Data through June 30, 2002

TABLE 9. ***SOUTHWEST REGION***

AIDS	**ALLEGHANY**		**CENTRAL VA**		**CUMB PLAT**		**LENOWISCO**		**MT ROGERS**		**NEW RIVER**		**PITTS/DANVILLE**		**ROA**
	Cases	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**
Gender															
Male	87	79.8	209	75.5	34	82.9	25	83.3	69	79.3	68	93.2	110	75.9	311
Female	22	20.2	68	24.5	7	17.1	5	16.7	18	20.7	5	6.8	35	24.1	86
Total	109		277		41		30		87		73		145		397
Race															
White	80	73.4	95	34.3	35	85.4	28	93.3	73	83.9	53	72.6	49	33.8	215
Black	28	25.7	179	64.6	6		[9]		13	14.9	19	26.0	96	66.2	177
Hispanic [8]	[9]		3	1.1			[9]		1	1.1	[9]		0	0.0	3
Other / Unknown	1	0.9	0	0.0		0.0	2	6.7	1	1.1	1	1.4	0	0.0	2
Total	109		277		41		30		87		73		145		397
Age															
0 - 12 [8]	[9]		10	3.6			[9]		[9]				5	3.4	6
13 - 19 [8]			[9]										[9]		[9]
20 - 29	18	16.5	53	19.1	9	22.0	3	10.0	15	17.2	18	24.7	31	21.4	70
30 - 39	41	37.6	122	44.0	14	34.1	14	46.7	45	51.7	31	42.5	61	42.1	190
40 +	48	44.0	90	32.5	18	43.9	11	36.7	26	29.9	24	32.9	46	31.7	130
Other / Unknown	2	1.8	2	0.7	0	0.0	2	6.7	1	1.1	0	0.0	2	1.4	1
Total	109		277		41		30		87		73		145		397
Selected Transmission Mode															
MSM [2]	53	48.6	103	37.2	18	43.9	13	43.3	39	44.8	42	57.5	66	45.5	201
IDU	9	8.3	47	17.0	[9]		[9]		12	13.8	11	15.1	20	13.8	64
MSM/IDU	6	5.5	20	7.2	[9]		[9]		6	6.9	6	8.2	7	4.8	27
Heterosexual Contact [3]	25	22.9	56	20.2	6	14.6	6	20.0	15	17.2	5	6.8	29	20.0	60
No Identified Risk (NIR)	10	9.2	28	10.1	1	2.4	0	0.0	10	11.5	6	8.2	11	7.6	36
Other [10]	6	5.5	23	8.3	16	39.0	11	36.7	5	5.7	3	4.1	12	8.3	9
Total	109		277		41		30		87		73		145		397

COMMONWEALTH OF VIRGINIA
Cumulative Data through June 30, 2002

TABLE 10. ***CENTRAL REGION***

HIV

	CHESTERFIELD		CRATER		HANOVER		HENRICO		PIEDMONT		RICHMOND		SOUTH
	Cases	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**
Gender													
Male	261	77.7	386	71.9	81	59.1	260	72.6	144	75.8	1,410	74.1	125
Female	75	22.3	151	28.1	56	40.9	98	27.4	46	24.2	492	25.9	62
Total	336		537		137		358		190		1,902		187
Race													
White	111	33.0	64	11.9	40	29.2	137	38.3	29	15.3	369	19.4	27
Black	214	63.7	464	86.4	94	68.6	211	58.9	158	83.2	1,495	78.6	158
Hispanic	11	3.3	7	1.3	[9]		7	2.0	[9]		29	1.5	[9]
Other / Unknown	0	0.0	2	0.4	3	2.2	3	0.8	3	1.6	9	0.5	2
Total	336		537		137		358		190		1,902		187
Age													
0 - 12	4	1.2	5	0.9	[9]		[9]		3	1.6	13	0.7	[9]
13 - 19	10	3.0	22	4.1	[9]		10	2.8	6	3.2	49	2.6	[9]
20 - 29	82	24.4	170	31.7	46	33.6	121	33.8	59	31.1	584	30.7	50
30 - 39	149	44.3	211	39.3	60	43.8	140	39.1	74	38.9	764	40.2	69
40 +	91	27.1	129	24.0	27	19.7	84	23.5	48	25.3	492	25.9	64
Other / Unknown	0	0.0	0	0.0	4	2.9	3	0.8	0	0.0	0	0.0	4
Total	336		537		137		358		190		1,902		187
Selected Transmission Mode													
MSM [2]	103	30.7	129	24.0	32	23.4	136	38.0	42	22.1	734	38.6	30
IDU	81	24.1	115	21.4	52	38.0	50	14.0	53	27.9	391	20.6	49
MSM/IDU	27	8.0	26	4.8	6	4.4	16	4.5	23	12.1	116	6.1	17
Heterosexual Contact [3]	52	15.5	107	19.9	21	15.3	69	19.3	40	21.1	352	18.5	48
No Identified Risk (NIR)	65	19.3	147	27.4	23	16.8	76	21.2	24	12.6	284	14.9	38
Other [10]	8	2.4	13	2.4	3	2.2	11	3.1	8	4.2	25	1.3	5
Total	336		537		137		358		190		1,902		187

TABLE 11. ***CENTRAL REGION***

AIDS	CHESTERFIELD		CRATER		HANOVER		HENRICO		PIEDMONT		RICHMOND		SOUTHSIDE	
	Cases	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**
Gender														
Male	325	86.4	352	80.0	95	73.6	314	84.2	185	82.6	1,290	80.9	147	77.8
Female	51	13.6	88	20.0	34	26.4	59	15.8	39	17.4	305	19.1	42	22.2
Total	376		440		129		373		224		1,595		189	
Race														
White	136	36.2	76	17.3	43	33.3	171	45.8	40	17.9	388	24.3	22	11.6
Black	231	61.4	354	80.5	81	62.8	191	51.2	182	81.3	1,182	74.1	167	88.4
Hispanic	9	2.4	9	2.0	4		5	1.3	[9]		22	1.4	0	0.0
Other / Unknown	0	0.0	1	0.2	1	0.8	6	1.6	2	0.9	3	0.2	0	0.0
Total	376		440		129		373		224		1,595		189	
Age														
0 - 12	[9]		5		[9]		5	1.3	[9]		18	1.1	5	
13 - 19	[9]		[9]		[9]		6	1.6	[9]		11	0.7	[9]	
20 - 29	63	16.8	73	16.6	24	18.6	68	18.2	42	18.8	232	14.5	26	13.8
30 - 39	189	50.3	201	45.7	57	44.2	155	41.6	104	46.4	738	46.3	76	40.2
40 +	120	31.9	159	36.1	47	36.4	139	37.3	76	33.9	596	37.4	81	42.9
Other / Unknown	4	1.1	2	0.5	1	0.8	0	0.0	2	0.9	0	0.0	1	0.5
Total	376		440		129		373		224		1,595		189	
Selected Transmission Mode														
MSM [2]	135	35.9	153	34.8	45	34.9	191	51.2	56	25.0	752	47.1	42	22.2
IDU	97	25.8	118	26.8	34	26.4	55	14.7	74	33.0	370	23.2	55	29.1
MSM/IDU	40	10.6	22	5.0	8	6.2	22	5.9	26	11.6	92	5.8	13	6.9
Heterosexual Contact [3]	59	15.7	76	17.3	22	17.1	49	13.1	34	15.2	245	15.4	46	24.3
No Identified Risk (NIR)	31	8.2	57	13.0	18	14.0	34	9.1	27	12.1	95	6.0	21	11.1
Other [10]	14	3.7	14	3.2	2	1.6	22	5.9	7	3.1	41	2.6	12	6.3
Total	376		440		129		373		224		1,595		189	

TABLE 12. ***EASTERN REGION***

HIV	CHESAPEAKE		E SHORE		HAMPTON		NORFOLK		PENINSULA		PORTSMOUTH		THREE RIVERS		VA BEACI	
	Cases	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**
Gender																
Male	243	68.8	69	53.1	333	76.7	1,511	76.3	527	70.1	406	71.0	106	71.1	632	7
Female	110	31.2	61	46.9	101	23.3	470	23.7	225	29.9	166	29.0	43	28.9	220	2
Total	353		130		434		1,981		752		572		149		852	
Race																
White	65	18.4	14	10.8	85	19.6	467	23.6	160	21.3	113	19.8	48	32.2	363	4
Black	282	79.9	107	82.3	332	76.5	1,435	72.4	561	74.6	450	78.7	98	65.8	441	5
Hispanic	[9]		8	6.2	12	2.8	48	2.4	28	3.7	3	0.5	3	2.0	32	
Other / Unknown	6	1.7	1	0.8	5	1.2	31	1.6	3	0.4	6	1.0	0	0.0	16	
Total	353		130		434		1,981		752		572		149		852	
Age																
0 - 12	4	1.1	[9]		3	0.7	14	0.7	6	0.8	11	1.9	[9]		10	
13 - 19	16	4.5	[illegible]	6.2	16	3.7	84	4.2	28	3.7	28	4.9	6	4.0	22	
20 - 29	124	35.1	41	31.5	137	31.6	790	39.9	246	32.7	189	33.0	42	28.2	325	3
30 - 39	115	32.6	38	29.2	160	36.9	703	35.5	314	41.8	217	37.9	51	34.2	331	3
40 +	94	26.6	41	31.5	118	27.2	390	19.7	157	20.9	127	22.2	48	32.2	163	1
Other / Unknown	0	0.0	2	1.5	0	0.0	0	0.0	1	0.1	0	0.0	2	1.3	1	
Total	353		130		434		1,981		752		572		149		852	
Selected Transmission Mode																
MSM [2]	115	32.6	20	15.4	132	30.4	781	39.4	241	32.0	170	29.7	39	26.2	347	4
IDU	58	16.4	20	15.4	109	25.1	273	13.8	165	21.9	108	18.9	34	22.8	111	1
MSM/IDU	15	4.2	[9]		12	2.8	86	4.3	29	3.9	23	4.0	[9]		30	
Heterosexual Contact [3]	110	31.2	55	42.3	77	17.7	334	16.9	150	19.9	129	22.6	34	22.8	169	1
No Identified Risk (NIR)	45	12.7	28	21.5	98	22.6	481	24.3	155	20.6	122	21.3	30	20.1	174	2
Other [10]	10	2.8	7	5.4	6	1.4	26	1.3	12	1.6	20	3.5	12	8.1	21	
Total	353		130		434		1,981		752		572		149		852	

TABLE 13. ***EASTERN REGION***

AIDS	**CHESAPEAKE**		**E SHORE**		**HAMPTON**		**NORFOLK**		**PENINSULA**		**PORTSMOUTH**		**THREE RIVERS**		**VA BE**
	Cases	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**	**%**	**Cases**
Gender															
Male	256	81.8	82	71.9	272	78.6	1,234	80.0	469	79.4	355	77.0	124	84.4	634
Female	57	18.2	32	28.1	74	21.4	309	20.0	122	20.6	106	23.0	23	15.6	157
Total	313		114		346		1,543		591		461		147		791
Race															
White	100	31.9	20	17.5	93	26.9	464	30.1	166	28.1	93	20.2	51	34.7	420
Black	208	66.5	89	78.1	240	69.4	1,030	66.8	403	68.2	365	79.2	95	64.6	339
Hispanic	[9]		5	4.4	9	2.6	41	2.7	21	3.6	[9]		[9]		25
Other / Unknown	5	1.6	0	0.0	4	1.2	8	0.5	1	0.2	3	0.7	1	0.7	7
Total	313		114		346		1,543		591		461		147		791
Age															
0 - 12	5	1.6	4	3.5	7	2.0	16	1.0	12	2.0	7	1.5	[9]		14
13 - 19	0	0.0	[9]		1	0.3	8	0.5	[9]		[9]		[9]		6
20 - 29	62	19.8	21	18.4	61	17.6	300	19.4	111	18.8	83	18.0	18	12.2	154
30 - 39	136	43.5	43	37.7	144	41.6	700	45.4	264	44.7	193	41.9	62	42.2	369
40 +	110	35.1	45	39.5	133	38.4	519	33.6	203	34.3	176	38.2	66	44.9	248
Other / Unknown	0	0.0	1	0.9	0	0.0	0	0.0	1	0.2	2	0.4	1	0.7	0
Total	313		114		346		1,543		591		461		147		791
Selected Transmission Mode															
MSM [2]	141	45.0	33	28.9	146	42.2	784	50.8	250	42.3	174	37.7	62	42.2	411
IDU	52	16.6	21	18.4	86	24.9	248	16.1	140	23.7	110	23.9	27	18.4	119
MSM/IDU	13	4.2	4	3.5	13	3.8	95	6.2	34	5.8	27	5.9	8	5.4	34
Heterosexual Contact [3]	73	23.3	33	28.9	37	10.7	246	15.9	85	14.4	96	20.8	26	17.7	121
No Identified Risk (NIR)	21	6.7	17	14.9	46	13.3	140	9.1	60	10.2	35	7.6	17	11.6	71
Other [10]	13	4.2	6	5.3	18	5.2	30	1.9	22	3.7	19	4.1	7	4.8	35
Total	313		114		346		1,543		591		461		147		791

TABLE 14. HIV Cases and Rates per 100,000 Population by Region and Year of Report [11]

	1989-1999	2000		2001		2002 [22]		TOTAL [12]
REGION	**Cases**	**Cases**	**Rate**	**Cases**	**Rate**	**Cases**	**Rate**	**Cases**
Northwest	624	35	3.8	73	8.0	21	4.2	753
Northern	2,508	216	13.2	275	16.8	166	18.3	3,165
Southwest	1,008	61	4.9	70	5.6	19	2.9	1,158
Central	3,143	160	14.2	207	18.4	137	22.5	3,647
Eastern	4,642	324	19.1	352	20.8	129	14.9	5,447
Virginia	11,925	796	12.0	977	14.8	472	13.3	14,170

TABLE 15. AIDS Cases and Rates per 100,000 Population by Region and Year of Report [11]

	1982-1999	2000		2001		2002 [22]		TOTAL [12]
REGION	**Cases**	**Cases**	**Rate**	**Cases**	**Rate**	**Cases**	**Rate**	**Cases**
Northwest	819	46	5.0	87	9.5	29	5.7	981
Northern	3,502	273	16.7	273	16.7	181	19.9	4,229
Southwest	1,070	82	6.6	80	6.4	28	4.3	1,260
Central	2,894	203	18.1	164	14.6	65	10.7	3,326
Eastern	3,717	298	17.6	366	21.6	117	13.5	4,498
Virginia	12,002	902	13.6	970	14.7	420	11.9	14,294

FIGURE D. Reported HIV and AIDS Rates per 100,000 by Region and State, Jan. 1 - June 30, 2002

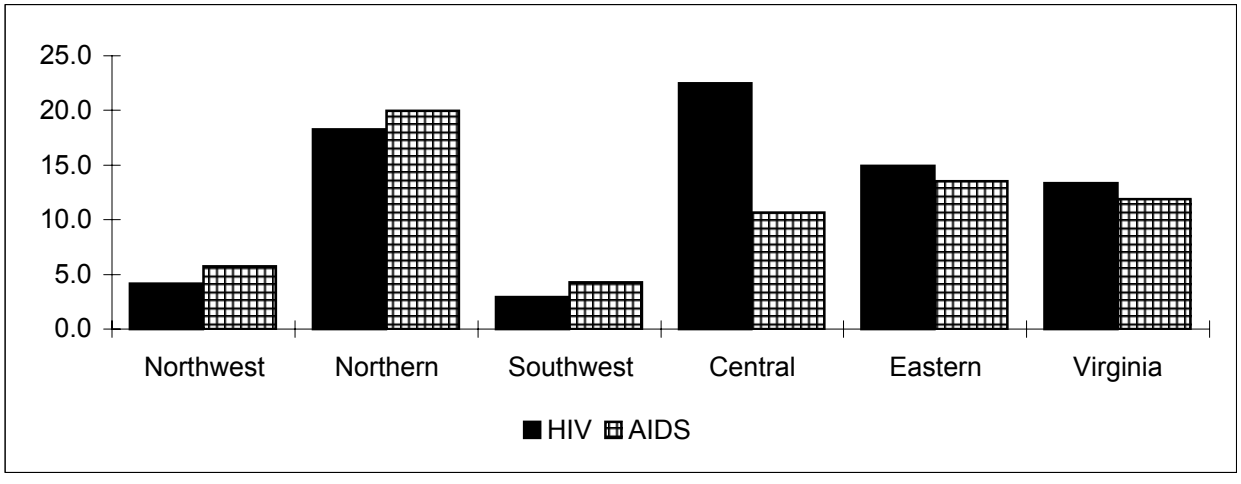


TABLE 16. HIV Cases and Rates per 100,000 Population by Region and Year of Diagnosis*

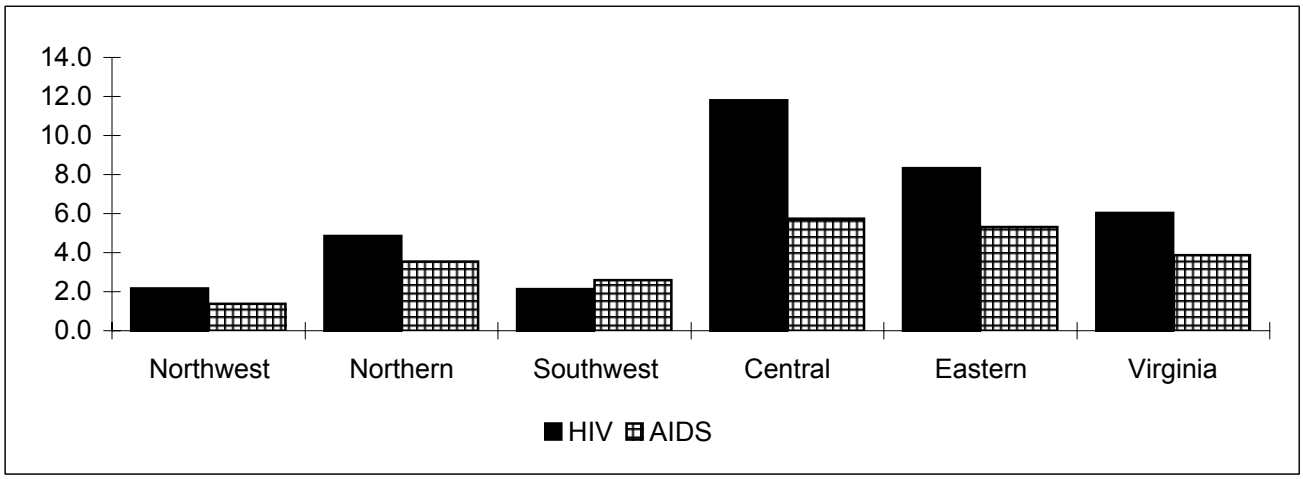
	1989-1999	2000		2001		2002 [22]		TOTAL [12]
REGION	**Cases**	**Cases**	**Rate**	**Cases**	**Rate**	**Cases**	**Rate**	**Cases**
Northwest	666	35	3.8	41	4.5	11	2.2	753
Northern	2,773	179	10.9	169	10.3	44	4.8	3,165
Southwest	1,040	56	4.5	48	3.8	14	2.1	1,158
Central	3,229	169	15.0	177	15.7	72	11.8	3,647
Eastern	4,820	279	16.4	276	16.3	72	8.3	5,447
Virginia	12,528	718	10.8	711	10.7	213	6.0	14,170

TABLE 17. AIDS Cases and Rates per 100,000 Population by Region and Year of Diagnosis*

	1982-1999	2000		2001		2002 [22]		TOTAL [12]
REGION	**Cases**	**Cases**	**Rate**	**Cases**	**Rate**	**Cases**	**Rate**	**Cases**
Northwest	879	43	4.7	52	5.7	7	1.4	981
Northern	3,840	170	10.4	187	11.4	32	3.5	4,229
Southwest	1,124	62	5.0	57	6.1	17	2.6	1,260
Central	2,979	172	15.3	140	12.5	35	5.7	3,326
Eastern	3,983	245	14.4	224	13.2	46	5.3	4,498
Virginia	12,805	692	10.5	660	10.0	137	3.9	14,294

* Note: Data for 2001 and 2002 are not complete because reports of diagnosis lag.

FIGURE E. Diagnosed HIV and AIDS Rates per 100,000 by Region and State, Jan. 1 - June 30, 2002



COMMONWEALTH OF VIRGINIA
Cumulative Data through June 30, 2002

TABLE 18. HIV Cases by Gender and Public, Private and Military Source of Report

(Percentages are for gender by source of report)

	PRIVATE		PUBLIC		MILITARY		TOTAL
Gender	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**
Male	6,893	66.7	2,951	28.5	494	4.8	10,338
Female	2,491	65.0	1,299	33.9	42	1.1	3,832
Total	9,384	66.2	4,250	30.0	536	3.8	14,170

TABLE 19. HIV and AIDS Reported, Diagnosed and Deceased by Year[16]

	HIV*		AIDS*				
Year	Reported*	Diagnosed*	Reported*	Diagnosed*	Living*	Deceased*	CFR*
1980	n/a	2	n/a	n/a	n/a	n/a	n/a
1981	n/a	0	n/a	n/a	n/a	n/a	n/a
1982	n/a	7	6	14	1	13	92.9
1983	n/a	9	21	30	0	30	100.0
1984	n/a	20	42	60	2	58	96.7
1985	n/a	122	102	166	12	154	92.8
1986	n/a	198	167	247	26	221	89.5
1987	n/a	316	268	420	43	377	89.8
1988	n/a	360	375	496	83	413	83.3
1989	198	815	443	633	113	520	82.1
1990	1,143	1,393	647	773	161	612	79.2
1991	1,645	1,465	661	925	178	747	80.8
1992	1,370	1,454	743	1,278	397	881	68.9
1993	1,496	1,189	1,629	1,311	424	887	67.7
1994	1,108	970	1,191	1,231	517	714	58.0
1995	1,253	952	1,458	1,280	694	586	45.8
1996	979	895	1,209	1,149	781	368	32.0
1997	993	875	1,170	1,014	742	272	26.8
1998	823	777	961	926	739	187	20.2
1999	917	703	909	848	716	132	15.6
2000	796	719	902	696	596	100	14.4
2001**	977	711	970	660	584	76	11.5
2002**	472	213	420	137	129	8	5.8
Total	14,170	14,165	14,294	14,294	6,938	7,356	51.5

* Reported = cases reported in a calendar year. AIDS became reportable in 1983; HIV became reportable in July 1989.

Diagnosed = people diagnosed in a calendar year.

Living = people diagnosed in one year who are alive as of the end of the current quarter.

Deceased = people diagnosed in one year who have died. Does not equal the number of deaths in that year.

CFR = Case Fatality Rate: percent of diagnosed cases who have died regardless of year of death.

Diagnosed for HIV does not include five cases with unknown date of diagnosis.

** 2001 and 2002 data for number of cases diagnosed are preliminary.

COMMONWEALTH OF VIRGINIA
Cumulative Data through June 30, 2002

FIGURE F. HIV Cases Reported and Diagnosed by Year[15]

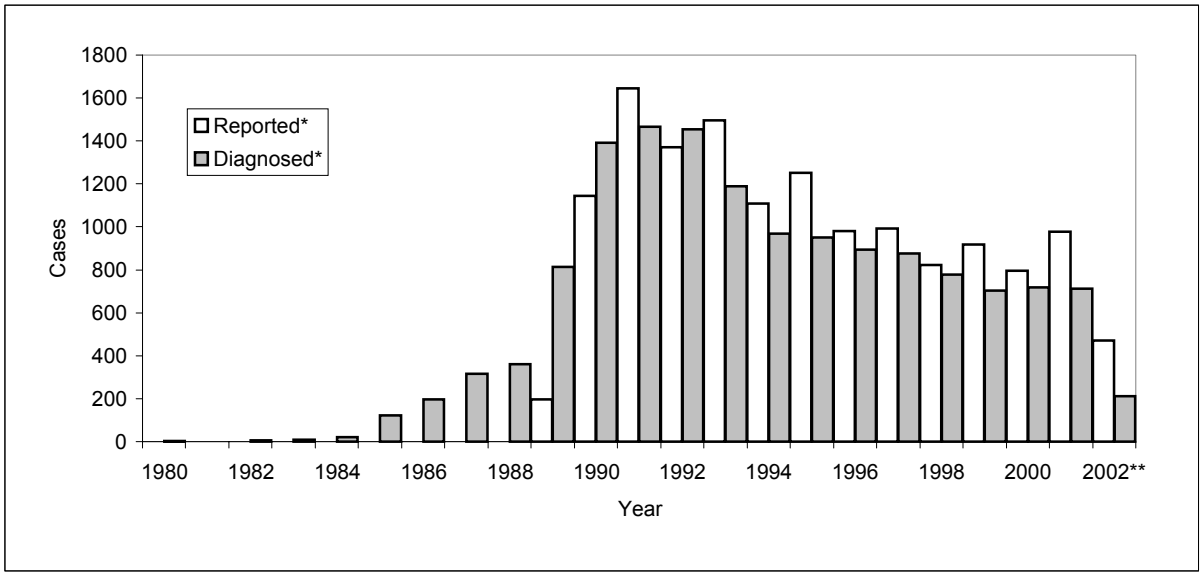
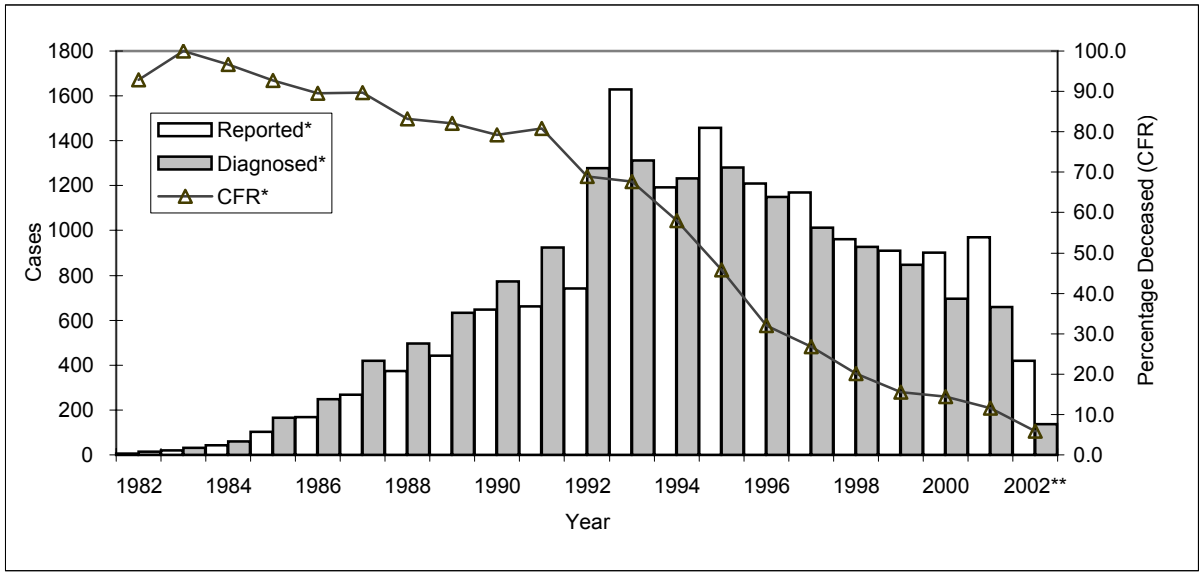


FIGURE G. AIDS Cases Reported, Diagnosed and Percentage Deceased, by Year[15]



* Reported = cases reported in a calendar year. AIDS became reportable in 1982; HIV became reportable in July 1989.
Diagnosed = people diagnosed in a calendar year.
CFR = Case Fatality Rate: percent of diagnosed cases who have died regardless of year of death.

** 2001 and 2002 data for number of cases diagnosed are preliminary.

TABLE 20. Adult/Adolescent HIV Cases by Gender, Transmission Mode and Race/Ethnicity

MALE	WHITE		BLACK		OTHER [13]		UNKNOWN		TOTAL	
Transmission Mode:	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**
Men Having Sex with Men (MSM)[2]	2,328	68.6	2,523	39.9	157	38.9	20	28.6	5,028	49.3
Injecting Drug Use (IDU)	263	7.7	1,408	22.2	57	14.1	3	4.3	1,731	17.0
MSM/IDU	208	6.1	444	7.0	11	2.7	0	0.0	663	6.5
Heterosexual Contact:[3]										
Sex with IDU	30	0.9	160	2.5	12	3.0	0	0.0	202	2.0
Sex with Other at Risk	101	3.0	553	8.7	45	11.1	3	4.3	702	6.9
Transfusion Blood/ Products [4]	21	0.6	23	0.4	5	1.2	0	0.0	49	0.5
Other:										
No Identified Risk (NIR)	79	2.3	289	4.6	29	7.2	4	5.7	401	3.9
Multi-Heterosexual Contact[5]	99	2.9	329	5.2	31	7.7	3	4.3	462	4.5
Undetermined/Unknown [6]	267	7.9	602	9.5	57	14.1	37	52.9	963	9.4
Sub-Total	3,396	100.0	6,331	100.0	404	100.0	70	100.0	10,201	100.0

FEMALE	WHITE		BLACK		OTHER [13]		UNKNOWN		TOTAL	
Transmission Mode:	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**
Injecting Drug Use (IDU)	182	26.1	665	22.8	20	14.6	0	0.0	867	23.0
Heterosexual Contact:[3]										
Sex with IDU	106	15.2	463	15.9	11	8.0	0	0.0	580	15.4
Sex with Other at Risk	233	33.5	952	32.6	65	47.4	2	18.2	1,252	33.3
Transfusion Blood/ Products [4]	18	2.6	46	1.6	5	3.6	0	0.0	69	1.8
Other:										
No Identified Risk (NIR)	61	8.8	325	11.1	19	13.9	1	9.1	406	10.8
Multi-Heterosexual Contact[5]	36	5.2	209	7.2	5	3.6	0	0.0	250	6.6
Undetermined/Unknown [6]	60	8.6	258	8.8	12	8.8	8	72.7	338	9.0
Sub-Total	696	100.0	2,918	100.0	137	100.0	11	100.0	3,762	100.0
Hemophilia [14]	53	1.3	15	0.2	1	0.2	0	0.0	69	0.5
Total	**4,145**	**29.5**	**9,264**	**66.0**	**542**	**3.9**	**81**	**0.6**	**14,032**	**100.0**

TABLE 21. Total HIV Cases by Gender, Age at Diagnosis and Race/Ethnicity

MALE	WHITE		BLACK		OTHER [13]		UNKNOWN		TOTAL	
Age at Diagnosis (Years)	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**
0-12	21	0.6	44	0.7	4	1.0	0	0.0	69	0.7
13-19	58	1.7	168	2.6	9	2.2	0	0.0	235	2.3
20-29	1,169	33.7	1,930	30.2	150	36.7	27	38.6	3,276	31.7
30-39	1,392	40.1	2,593	40.6	165	40.3	24	34.3	4,174	40.4
40-49	602	17.4	1,296	20.3	59	14.4	14	20.0	1,971	19.1
50 and Over	227	6.5	357	5.6	22	5.4	3	4.3	609	5.9
Unknown	0	0.0	2	0.0	0	0.0	2	2.9	4	0.0

TABLE 22. Adult/Adolescent AIDS Cases by Gender, Transmission Mode and Race/Ethnicity

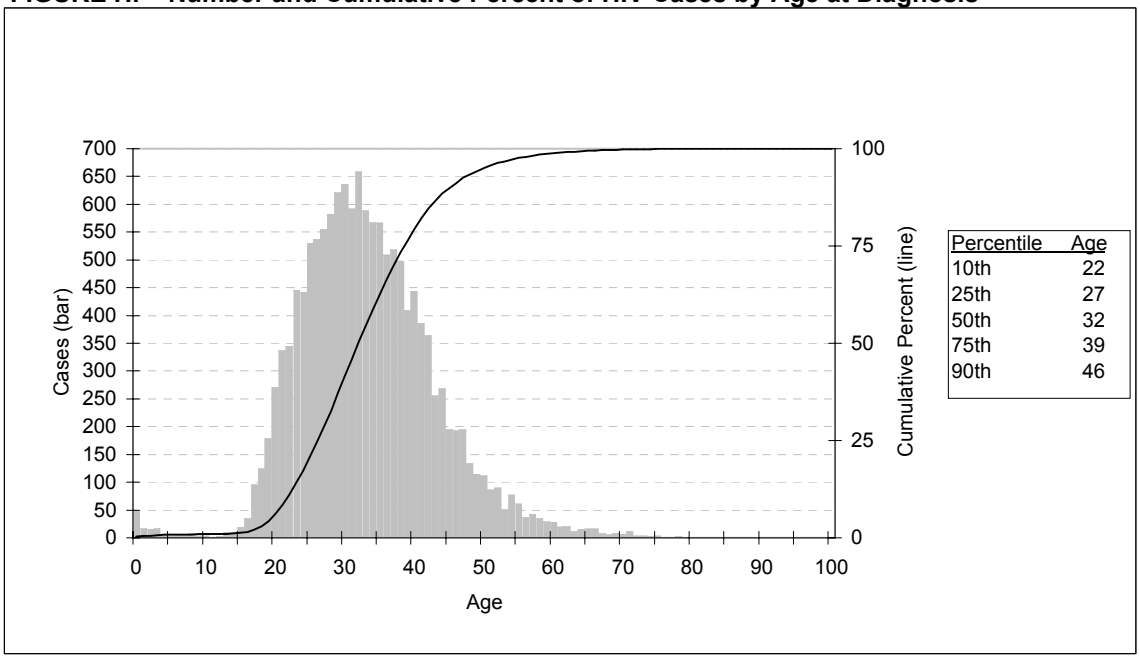
MALE	WHITE		BLACK		OTHER [13]		UNKNOWN		TOTAL	
Transmission Mode:	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**
Men Having Sex with Men (MSM)[2]	4,166	78.8	2,675	46.4	248	50.0	5	71.4	7,094	61.4
Injecting Drug Use (IDU)	328	6.2	1,454	25.2	65	13.1	0	0.0	1,847	16.0
MSM/IDU	282	5.3	447	7.8	17	3.4	0	0.0	746	6.5
Heterosexual Contact:[3]										
Sex with IDU	39	0.7	166	2.9	12	2.4	0	0.0	217	1.9
Sex with Other at Risk	103	1.9	415	7.2	52	10.5	0	0.0	570	4.9
Transfusion Blood/ Products [4]	90	1.7	59	1.0	8	1.6	0	0.0	157	1.4
Other:										
No Identified Risk (NIR)	67	1.3	143	2.5	23	4.6	1	14.3	234	2.0
Multi-Heterosexual Contact[5]	38	0.7	114	2.0	29	5.8	1	14.3	182	1.6
Undetermined/Unknown [6]	172	3.3	292	5.1	42	8.5	0	0.0	506	4.4
Sub-Total	5,285	100.0	5,765	100.0	496	100.0	7	100.0	11,553	100.0

FEMALE	WHITE		BLACK		OTHER [13]		UNKNOWN		TOTAL	
Transmission Mode:	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**
Injecting Drug Use (IDU)	141	28.1	530	28.8	19	19.4	0	0.0	690	28.2
Heterosexual Contact:[3]										
Sex with IDU	80	15.9	369	20.0	17	17.3	0	0.0	466	19.1
Sex with Other at Risk	156	31.1	588	31.9	34	34.7	0	0.0	778	31.8
Transfusion Blood/ Products [4]	58	11.6	49	2.7	5	5.1	0	0.0	112	4.6
Other:										
No Identified Risk (NIR)	27	5.4	122	6.6	10	10.2	0	0.0	159	6.5
Multi-Heterosexual Contact[5]	8	1.6	62	3.4	3	3.1	0	0.0	73	3.0
Undetermined/Unknown [6]	32	6.4	123	6.7	10	10.2	1	0.0	166	6.8
Sub-Total	502	100.0	1,843	100.0	98	100.0	1	0.0	2,444	100.0
Hemophilia [14]	87	1.5	15	0.2	1	0.2	0	0.0	103	0.7
Total	**5,874**	**41.7**	**7,623**	**54.1**	**595**	**4.2**	**8**	**0.1**	**14,100**	**100.0**

TABLE 23. Total AIDS Cases by Gender, Age at Diagnosis and Race/Ethnicity

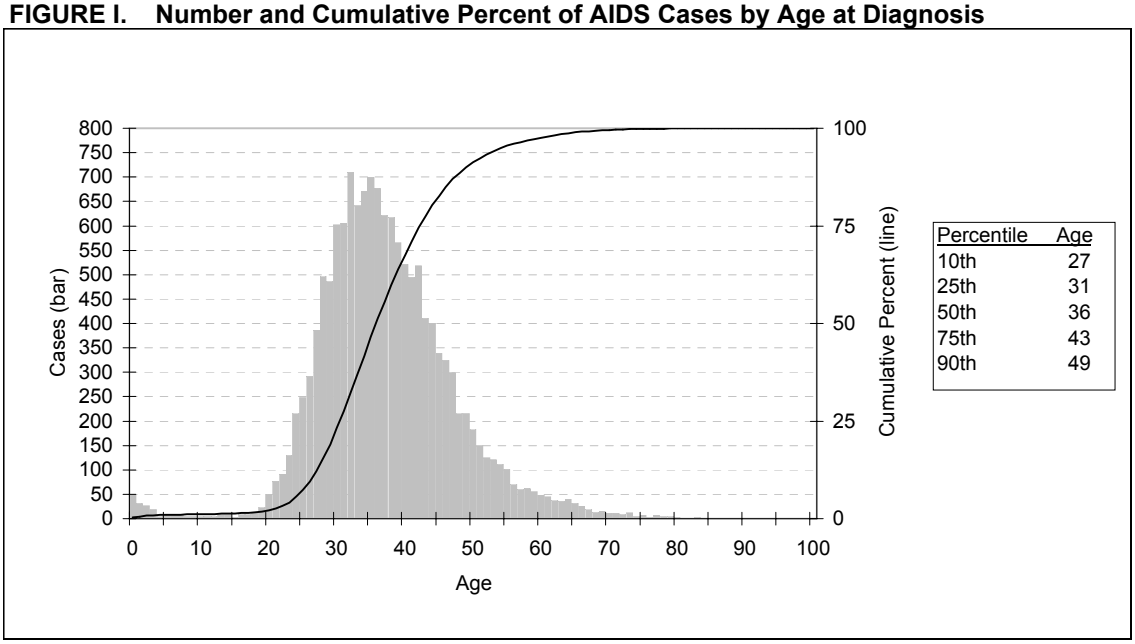
MALE	WHITE		BLACK		OTHER [13]		UNKNOWN		TOTAL	
Age at Diagnosis (Years)	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**
0-12	28	0.5	54	0.9	6	1.2	0	0.0	88	0.7
13-19	21	0.4	22	0.4	2	0.4	0	0.0	45	0.4
20-29	889	16.4	940	16.1	117	23.2	1	14.3	1,947	16.6
30-39	2,461	45.5	2,648	45.4	225	44.6	5	71.4	5,339	45.4
40-49	1,413	26.1	1,609	27.6	122	24.2	1	14.3	3,145	26.7

FIGURE H. Number and Cumulative Percent of HIV Cases by Age at Diagnosis



Percentile	Age
10th	22
25th	27
50th	32
75th	39
90th	46

FIGURE I. Number and Cumulative Percent of AIDS Cases by Age at Diagnosis



Percentile	Age
10th	27
25th	31
50th	36
75th	43
90th	49

Cases (bars in the graph) are the number of cases diagnosed at a particular age.
Cumulative percent (line in the graph) is the percent of cases by year added in succession.
Percentiles are the ages at which the cumulative percent of cases equals the reported levels.

TABLE 24. Pediatric HIV Cases by Transmission and Race/Ethnicity

	WHITE		BLACK		OTHER [13]		TOTAL	
	No.	%	No.	%	No.	%	No.	%
Hemophilia/Coagulation Disorder	7	19.4	5	5.3	0	0.0	12	8.7
Mother with or at Risk for HIV	21	58.3	86	91.5	8	100.0	115	83.3
Transfusion Blood/Products [4]	7	19.4	2	2.1	0	0.0	9	6.5
Other [17]	0	0.0	0	0.0	0	0.0	0	0.0
No Identified Risk (NIR)	1	2.8	1	1.1	0	0.0	2	1.4
Total	**36**	**100.0**	**94**	**100.0**	**8**	**100.0**	**138**	**100.0**

TABLE 25. Pediatric AIDS Cases by Transmission and Race/Ethnicity [7]

	WHITE		BLACK		OTHER [13]		TOTAL	
	No.	%	No.	%	No.	%	No.	%
Hemophilia/Coagulation Disorder	13	21.7	5	4.1	0	0.0	18	9.3
Mother with or at Risk for HIV	32	53.3	109	90.1	12	92.3	153	78.9
Transfusion Blood/Products [4]	15	25.0	4	3.3	1	7.7	20	10.3
Other [17]	0	0.0	3	2.5	0	0.0	3	1.5
No Identified Risk (NIR)	0	0.0	0	0.0	0	0.0	0	0.0
Total	**60**	**100.0**	**121**	**100.0**	**13**	**100.0**	**194**	**100.0**

TABLE 26. AIDS Associated Diseases by Gender

(% represents the total percentage of cases within each gender reported with each condition. Individuals may be diagnosed with more than one disease; therefore, percentages will not equal 100.0)

	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
Immunologic [20]	4,343	36.9	1,200	47.3	5,543	38.8
Pneumocystis carinii pneumonia (PCP)	3,620	30.8	528	20.8	4,148	29.0
HIV Wasting	1,395	11.9	280	11.0	1,675	11.7
Candidiasis, esophageal	1,178	10.0	282	11.1	1,460	10.2
M. avium/M. kansasii	1,109	9.4	173	6.8	1,282	9.0
Kaposi's sarcoma (KS)	726	6.2	16	0.6	742	5.2
HIV encephalopathy	503	4.3	107	4.2	610	4.3
Cryptococcosis, extrapulmonary	525	4.5	75	3.0	600	4.2
Cytomegalovirus disease	496	4.2	81	3.2	577	4.0
Cytomegalovirus retinitis	477	4.1	64	2.5	541	3.8
Herpes simplex: chronic ulcer(s)	436	3.7	101	4.0	537	3.8
Toxoplasmosis of brain	403	3.4	68	2.7	471	3.3
Candidiasis, pulmonary	230	2.0	53	2.1	283	2.0
M. tuberculosis, pulmonary [20]	230	2.0	41	1.6	271	1.9
Lymphoma, immunoblastic	198	1.7	24	0.9	222	1.6
Mycobacterium, other disseminated	168	1.4	38	1.5	206	1.4
Cryptosporidiosis, chronic intestinal	145	1.2	29	1.1	174	1.2
Progressive multifocal leukoencephalopathy	146	1.2	25	0.7	171	1.2
Pneumonia, recurrent [20]	150	1.3	12	0.5	162	1.1
M. tuberculosis, extrapulmonary	138	1.3	18	0.5	156	1.1
Lymphoma, primary in brain	99	0.8	10	0.4	109	0.8
Lymphoma, Burkitt's	54	0.5	7	0.3	61	0.4

TABLE 27. HIV Cases by Locality and Year of Report [16]

LOCALITY	1989 - 1999	2000	2001	2002	TOTAL
ACCOMACK CO.	79	6	6	1	92
ALBEMARLE CO.	26	1	11	2	40
ALEXANDRIA	666	60	57	38	821
ALLEGHANY CO.	4	0	0	0	4
AMELIA CO.	6	0	0	1	7
AMHERST CO.	22	0	1	1	24
APPOMATTOX CO.	7	1	1	1	10
ARLINGTON CO.	489	43	76	22	630
AUGUSTA CO.	39	0	1	0	40
BATH CO.	3	0	0	0	3
BEDFORD	9	0	0	0	9
BEDFORD CO.	12	1	3	0	16
BLAND CO.	1	0	0	0	1
BOTETOURT CO.	10	1	0	0	11
BRISTOL	12	0	0	1	13
BRUNSWICK CO.	48	3	5	1	57
BUCHANAN CO.	15	1	3	0	19
BUCKINGHAM CO.	49	2	4	3	58
BUENA VISTA	7	0	0	0	7
CAMPBELL CO.	36	2	4	0	42
CAROLINE CO.	25	4	2	0	31
CARROLL CO.	6	1	1	0	8
CHARLES CITY CO.	6	0	0	0	6
CHARLOTTE CO.	3	0	0	0	3
CHARLOTTESVILLE	95	5	8	2	110
CHESAPEAKE	270	32	44	7	353
CHESTERFIELD CO.	180	8	15	12	215
CLARKE CO.	8	0	0	1	9
COLONIAL HEIGHTS	14	1	4	1	20
COVINGTON	7	0	0	0	7
CULPEPER CO.	17	5	3	2	27
CUMBERLAND CO.	8	0	1	1	10
DANVILLE	94	8	9	1	112
DICKENSON CO.	1	0	0	0	1
DINWIDDIE CO.	25	3	2	4	34
EMPORIA	19	0	0	0	19
ESSEX CO.	5	3	0	0	8
FAIRFAX	51	8	8	3	70
FAIRFAX CO.	866	55	95	75	1,091
FALLS CHURCH	26	2	1	3	32

TABLE 27. HIV Cases by Locality and Year of Report [16] (continued)

LOCALITY	1989 - 1999	2000	2001	2002	TOTAL
FREDERICK CO.	10	0	1	0	11
FREDERICKSBURG	52	2	1	1	56
GALAX	4	0	1	0	5
GILES CO.	2	1	1	0	4
GLOUCESTER CO.	28	1	3	2	34
GOOCHLAND CO.	56	4	7	6	73
GRAYSON CO.	1	1	0	0	2
GREENE CO.	1	1	2	0	4
GREENSVILLE CO.	64	5	4	3	76
HALIFAX CO.	55	1	4	3	63
HAMPTON	353	30	41	10	434
HANOVER CO.	43	1	4	0	48
HARRISONBURG	22	1	1	1	25
HENRICO CO.	303	25	21	9	358
HENRY CO.	21	3	0	0	24
HOPEWELL	35	9	2	6	52
ISLE OF WIGHT CO.	21	0	1	0	22
JAMES CITY CO.	5	1	2	2	10
KING AND QUEEN CO.	5	0	3	0	8
KING GEORGE CO.	10	0	1	1	12
KING WILLIAM CO.	7	1	1	0	9
LANCASTER CO.	16	1	3	1	21
LEE CO.	4	0	0	1	5
LEXINGTON	0	1	1	0	2
LOUDOUN CO.	69	6	3	9	87
LOUISA CO.	21	1	3	1	26
LUNENBURG CO.	22	2	2	2	28
LYNCHBURG	133	3	8	3	147
MADISON CO.	6	2	2	0	10
MANASSAS	116	9	4	0	129
MANASSAS PARK	8	0	0	0	8
MARTINSVILLE	22	4	2	2	30
MATHEWS CO.	3	1	0	0	4
MECKLENBURG CO.	51	4	5	7	67
MIDDLESEX CO.	6	0	0	0	6
MONTGOMERY CO.	24	0	0	0	24
NELSON CO.	11	1	0	0	12
NEW KENT CO.	8	1	0	1	10
NEWPORT NEWS	514	47	61	15	637
NORFOLK	1,730	107	100	44	1,981

TABLE 27. HIV Cases by Locality and Year of Report [16] (continued)

LOCALITY	1989 - 1999	2000	2001	2002	TOTAL
PATRICK CO.	5	0	0	0	5
PETERSBURG	229	11	21	15	276
PITTSYLVANIA CO.	27	1	4	2	34
POQUOSON	3	0	0	0	3
PORTSMOUTH	498	26	35	13	572
POWHATAN CO.	94	2	5	0	101
PRINCE EDWARD CO.	23	1	1	2	27
PRINCE GEORGE CO.	37	1	2	0	40
PRINCE WILLIAM CO.	217	33	31	16	297
PULASKI CO.	14	1	0	0	15
RADFORD	4	1	1	0	6
RAPPAHANNOCK CO.	1	0	1	1	3
RICHMOND	1,687	68	91	56	1,902
RICHMOND CO.	22	4	4	0	30
ROANOKE	391	15	18	4	428
ROANOKE CO.	14	6	1	1	22
ROCKBRIDGE CO.	6	1	0	0	7
ROCKINGHAM CO.	17	0	4	0	21
RUSSELL CO.	9	0	0	0	9
SALEM	17	1	1	0	19
SCOTT CO.	4	0	0	0	4
SHENANDOAH CO.	8	0	2	1	11
SMYTH CO.	19	1	2	0	22
SOUTHAMPTON CO.	18	0	0	0	18
SPOTSYLVANIA CO.	20	5	2	1	28
STAFFORD CO.	24	1	3	1	29
STAUNTON	35	1	2	2	40
SUFFOLK	130	6	11	8	155
SURRY CO.	5	0	2	0	7
SUSSEX CO.	24	4	3	2	33
TAZEWELL CO.	11	1	0	0	12
VIRGINIA BEACH	748	47	34	23	852
WARREN CO.	15	0	1	0	16
WASHINGTON CO.	6	1	1	1	9
WAYNESBORO	18	0	1	0	19
WESTMORELAND CO.	13	1	0	1	15
WILLIAMSBURG	66	2	0	1	69
WINCHESTER	49	0	6	1	56
WISE CO.	14	1	2	0	17
WYTHE CO.	8	3	4	0	15

COMMONWEALTH OF VIRGINIA
Cumulative Data through June 30, 2002

TABLE 28. AIDS Cases by Locality and Year of Report [16]

						DEATHS*	
LOCALITY	**1982 - 1999**	**2000**	**2001**	**2002**	**TOTAL**	**No.**	**% Dead**
ACCOMACK CO.	74	5	4	1	84	41	48.8
ALBEMARLE CO.	43	0	10	0	53	25	47.2
ALEXANDRIA	774	56	55	23	908	458	50.4
ALLEGHANY CO.	11	1	1	0	13	6	46.2
AMELIA CO.	15	0	0	0	15	9	60.0
AMHERST CO.	16	3	0	0	19	8	42.1
APPOMATTOX CO.	18	0	4	0	22	10	45.5
ARLINGTON CO.	1,005	82	72	28	1,187	681	57.4
AUGUSTA CO.	31	1	5	1	38	17	44.7
BATH CO.	3	0	0	0	3	*	*
BEDFORD	4	0	2	0	6	*	*
BEDFORD CO.	21	1	4	1	27	15	55.6
BLAND CO.	4	0	1	0	5	*	*
BOTETOURT CO.	15	0	2	1	18	12	66.7
BRISTOL	13	0	0	1	14	6	42.9
BRUNSWICK CO.	37	4	4	0	45	23	51.1
BUCHANAN CO.	12	0	0	0	12	6	50.0
BUCKINGHAM CO.	55	3	6	2	66	25	37.9
BUENA VISTA	5	1	0	0	6	6	100.0
CAMPBELL CO.	33	6	4	0	43	24	55.8
CAROLINE CO.	21	4	0	0	25	13	52.0
CARROLL CO.	6	0	1	0	7	5	71.4
CHARLES CITY CO.	5	0	1	0	6	3	50.0
CHARLOTTE CO.	10	1	0	0	11	6	54.5
CHARLOTTESVILLE	127	5	11	0	143	65	45.5
CHESAPEAKE	252	26	20	15	313	154	49.2
CHESTERFIELD CO.	181	16	12	3	212	96	45.3
CLARKE CO.	11	0	0	0	11	6	54.5
COLONIAL HEIGHTS	17	0	0	0	17	7	41.2
COVINGTON	8	2	1	1	12	5	41.7
CULPEPER CO.	45	2	6	1	54	24	44.4
CUMBERLAND CO.	7	0	0	0	7	5	71.4
DANVILLE	95	5	11	2	113	69	61.1
DICKENSON CO.	2	0	0	0	2	*	*
DINWIDDIE CO.	20	1	3	0	24	11	45.8
EMPORIA	13	1	0	1	15	7	46.7
ESSEX CO.	4	0	1	0	5	3	60.0
FAIRFAX	50	3	2	0	55	22	40.0

TABLE 28. AIDS Cases by Locality and Year of Report [16] (continued)

						DEATHS*	
LOCALITY	**1982 - 1999**	**2000**	**2001**	**2002**	**TOTAL**	**No.**	**% Dead**
FREDERICK CO.	50	2	3	1	32	17	53.1
FREDERICKSBURG	24	2	4	1	78	44	56.4
GALAX	334	0	0	0	5	*	*
GILES CO.	37	0	1	0	8	5	62.5
GLOUCESTER CO.	48	3	3	3	38	22	57.9
GOOCHLAND CO.	27	10	5	1	49	22	44.9
GRAYSON CO.	13	0	0	0	5	4	80.0
GREENE CO.	5	0	0	0	3	*	*
GREENSVILLE CO.	12	4	2	4	56	27	48.2
HALIFAX CO.	12	5	3	0	72	43	59.7
HAMPTON	14	26	35	12	346	179	51.7
HANOVER CO.	7	5	1	1	57	34	59.6
HARRISONBURG	5	3	2	0	29	9	31.0
HENRICO CO.	78	13	23	3	373	208	55.8
HENRY CO.	29	3	2	0	42	21	50.0
HOPEWELL	31	5	2	3	58	30	51.7
ISLE OF WIGHT CO.	125	2	2	1	32	15	46.9
JAMES CITY CO.	6	2	1	1	17	11	64.7
KING AND QUEEN CO.	69	1	1	1	8	3	37.5
KING GEORGE CO.	1	0	0	1	13	6	46.2
KING WILLIAM CO.	31	1	0	0	8	6	75.0
LANCASTER CO.	7	0	0	0	14	11	78.6
LEE CO.	61	1	0	0	8	*	*
LEXINGTON	6	2	0	0	7	*	*
LOUDOUN CO.	35	5	9	6	98	53	54.1
LOUISA CO.	8	1	3	2	35	18	51.4
LUNENBURG CO.	14	5	2	0	38	18	47.4
LYNCHBURG	383	20	13	2	160	81	50.6
MADISON CO.	1,289	0	1	0	7	5	71.4
MANASSAS	25	5	6	10	90	36	40.0
MANASSAS PARK	10	0	3	0	4	*	*
MARTINSVILLE	1	1	0	1	33	23	69.7
MATHEWS CO.	54	1	0	0	8	5	62.5
MECKLENBURG CO.	21	3	5	3	72	38	52.8
MIDDLESEX CO.	13	1	0	0	7	*	*
MONTGOMERY CO.	9	1	2	0	38	22	57.9
NELSON CO.	185	0	1	0	9	5	55.6
NEW KENT CO.	29	0	3	0	17	5	29.4

TABLE 28. AIDS Cases by Locality and Year of Report [16] (continued)

						DEATHS*	
LOCALITY	**1982 - 1999**	**2000**	**2001**	**2002**	**TOTAL**	**No.**	**% Dead**
PATRICK CO.	9	0	0	0	9	8	88.9
PETERSBURG	185	13	12	5	215	95	44.2
PITTSYLVANIA CO.	29	0	2	1	32	19	59.4
POQUOSON	6	0	0	0	6	5	83.3
PORTSMOUTH	370	31	45	15	461	236	51.2
POWHATAN CO.	137	4	3	3	147	82	55.8
PRINCE EDWARD CO.	26	2	0	1	29	15	51.7
PRINCE GEORGE CO.	26	2	2	0	30	14	46.7
PRINCE WILLIAM CO.	276	27	33	22	358	152	42.5
PULASKI CO.	18	0	0	0	18	11	61.1
RADFORD	5	0	0	0	5	5	100.0
RAPPAHANNOCK CO.	3	0	0	0	3	3	100.0
RICHMOND	1,392	102	69	32	1,595	894	56.1
RICHMOND CO.	19	1	2	0	22	5	22.7
ROANOKE	346	22	20	9	397	224	56.4
ROANOKE CO.	33	2	1	1	37	26	70.3
ROCKBRIDGE CO.	7	0	0	0	7	4	57.1
ROCKINGHAM CO.	23	1	4	0	28	15	53.6
RUSSELL CO.	9	1	0	0	10	6	60.0
SALEM	23	2	2	2	29	13	44.8
SCOTT CO.	4	0	0	0	4	3	75.0
SHENANDOAH CO.	13	1	1	0	15	9	60.0
SMYTH CO.	10	1	2	0	13	7	53.8
SOUTHAMPTON CO.	16	2	1	0	19	10	52.6
SPOTSYLVANIA CO.	28	3	3	7	41	13	31.7
STAFFORD CO.	47	3	5	9	64	23	35.9
STAUNTON	37	1	5	0	43	22	51.2
SUFFOLK	92	15	8	3	118	65	55.1
SURRY CO.	7	0	0	0	7	5	71.4
SUSSEX CO.	26	4	3	2	35	12	34.3
TAZEWELL CO.	12	4	0	1	17	8	47.1
VIRGINIA BEACH	669	38	60	24	791	370	46.8
WARREN CO.	24	2	5	0	31	15	48.4
WASHINGTON CO.	18	1	1	1	21	11	52.4
WAYNESBORO	16	0	1	0	17	9	52.9
WESTMORELAND CO.	21	0	3	1	25	12	48.0
WILLIAMSBURG	54	3	1	1	59	36	61.0
WINCHESTER	64	3	5	1	73	36	49.3
WISE CO.	13	2	1	0	16	10	62.5

UNITED STATES DATA

TABLE 29. Total AIDS Cases and Annual Rates per 100,000 by Metropolitan Area Ranked by Rates

	July 2000 - June 2001		Cumulative		
US CITIES	Cases	Rate	Adult/ Adolescents	Pediatric	Total
1. Miami, FL	1,355	60.1	24,355	483	24,838
2. New York, NY	4,600	49.4	120,034	2,028	122,062
3. Fort Lauderdale, FL	775	47.8	13,060	246	13,306
4. West Palm Beach, FL	498	44.0	7,694	205	7,899
5. Baltimore, MD	1,110	43.5	14,798	211	15,009
6. San Juan, PR	855	43.5	15,716	242	15,958
7. Jersey City, NJ	257	42.2	6,622	120	6,742
8. San Francisco, CA	690	39.9	28,165	47	28,212
9. Newark, NJ	767	37.7	17,146	326	17,472
10. Washington, DC	1,709	34.7	23,740	289	24,029
11. Wilmington, DE	196	33.4	2,136	15	2,151
12. Baton Rouge, LA	175	29.0	1,989	19	2,008
13. Jacksonville, FL	319	29.0	4,574	69	4,643
14. Orlando, FL	463	28.2	6,209	82	6,291
15. Columbia, SC	151	28.1	2,104	16	2,120
:					
31. Norfolk, VA	**294**	**18.7**	**3,893**	**63**	**3,956**
:					
39. Richmond, VA	**157**	**15.8**	**2,648**	**29**	**2,677**

* Metropolitan Statistical Areas with populations greater than 500,000.

Source: CDC HIV/AIDS Surveillance Report, Vol. 13, No.1. Data through June 2001.

TABLE 30. Total AIDS Cases and Annual Rates per 100,000 by State of Residence Ranked by Rates

	July 2000 - June 2001		Cumulative		
STATE	Cases	Rate	Adult/ Adolescents	Pediatric	Total
1. District of Columbia	951	166.2	13,395	171	13,566
2. Puerto Rico	1,411	37.0	25,071	388	25,459
3. Florida	5,186	32.4	81,591	1,414	83,005
4. Delaware	243	31.0	2,674	22	2,696
5. Maryland	1,611	30.4	22,128	304	22,432
6. New York	5,337	28.1	141,839	2,267	144,106
7. New Jersey	1,857	22.1	42,263	754	43,017
8. Louisiana	818	18.3	12,965	125	13,090
9. South Carolina	730	18.2	9,777	80	9,857
10. Georgia	1,385	16.9	23,362	213	23,575
11. Mississippi	470	16.5	4,662	56	4,718
12. Connecticut	512	15.0	11,622	176	11,798
13. Virginia	**1,016**	**14.4**	**13,395**	**174**	**13,569**
14. California	4663	13.8	121,218	613	121,831
15. U.S. Virgin Islands	15	13.8	468	17	485
Total	40,894	14.3	784,032	8,994	793,026

* National statistics reported for Virginia vary slightly from state statistics because report periods differ.

Source: CDC HIV/AIDS Surveillance Report, Vol. 13, No.1. Data through June 2001.

UNITED STATES DATA

TABLE 31. United States AIDS Cumulative Summary, Through June 2001

GENDER	Number of Cases	Percent (%) of Cases
Male	653,808	82.4
Female	139,217	17.6
Total*	793,026	100.0
RACE		
White	337,035	42.5
Black	301,784	38.1
Hispanic	145,220	18.3
Asian/Pacific Islander	5,922	0.7
American Indian/ Alaskan Native	2,433	0.3
Unknown	632	0.1
Total	793,026	100.0
AGE		
0-12	8,994	1.1
13-19	4,219	0.5
20-29	130,965	16.5
30-39	353,102	44.5
40-49	208,870	26.3
50 and Over	86,875	11.0
Total*	793,026	100.0
MODE OF TRANSMISSION		
Men Having Sex with Men (MSM)	361,867	45.6
Injecting Drug Users (IDU)	197,091	24.9
MSM & IDU	50,066	6.3
Hemophilia	5,234	0.7
Heterosexual Contact	85,738	10.8
Transfusion/Blood Products[4]	8,894	1.1
No Identified Risk (NIR)	75,142	9.5
Adult/Adolescent Sub-Total	784,032	98.9
Pediatric	8,994	1.1
Total	793,026	100.0

* Total for Gender includes one unknown. Total for Age includes one unknown.

Source: CDC HIV/AIDS Surveillance Report, Vol. 13, No.1. Data through June 2001.

TABLE 33. State Funded HIV Testing for Jan. - Mar. 2002

	Confidential			Anonymous			Total		
GENDER	**Tested**	**Positive**	**% Pos.**	**Tested**	**Positive**	**% Pos.**	**Tested**	**Positive**	**% Pos.**
Male	5,080	61	1.2	405	7	1.7	5,485	68	1.2
Female	12,748	32	0.3	315	1	0.3	13,063	33	0.3
Unknown	736	3	0.4	19	0	0.0	755	3	0.4
Total	18,564	96	0.5	739	8	1.1	19,303	104	0.5
RACE									
White	7,628	14	0.2	478	0	0.0	8,106	14	0.2
Black	7,955	76	1.0	186	8	4.3	8,141	84	1.0
Asian/Pacific Islander	364	2	0.5	23	0	0.0	387	2	0.5
American Indian/Alaskan Native	46	0	0.0	3	0	0.0	49	0	0.0
Other/Unknown	2,571	4	0.2	49	0	0.0	2,620	4	0.2
Total	18,564	96	0.5	739	8	1.1	19,303	104	0.5
ETHNICITY									
Hispanic	2,897	7	0.2	50	0	0.0	2,947	7	0.2
Non-Hispanic	15,667	89	0.6	689	8	1.2	16,356	97	0.6
Total	18,564	96	0.5	739	8	1.1	19,303	104	0.5
AGE									
0-12	27	0	0.0	1	0	0.0	28	0	0.0
13-19	3,394	4	0.1	44	0	0.0	3,438	4	0.1
20-29	8,580	20	0.2	301	0	0.0	8,881	20	0.2
30-39	3,707	28	0.8	201	4	2.0	3,908	32	0.8
40-54	2,009	34	1.7	148	2	1.4	2,157	36	1.7
55 and Over	311	7	2.3	33	2	6.1	344	9	2.6
Unknown	536	3	0.6	11	0	0.0	547	3	0.5
Total	18,564	96	0.5	739	8	1.1	19,303	104	0.5
RISK INFORMATION									
Men who have Sex with Men	491	23	4.7	144	4	2.8	635	27	4.3
Injection Drug Use	415	6	1.4	12	0	0.0	427	6	1.4
Sex while using Non-Injection Drugs	1,619	14	0.9	64	1	1.6	1,683	15	0.9
Sex for Drugs and/or Money	322	8	2.5	13	0	0.0	335	8	2.4
Prior STD Diagnosis	2,604	15	0.6	50	0	0.0	2,654	15	0.6
Needle Sharing	242	7	2.9	6	0	0.0	248	7	2.8
Hemophilia/Transfusion	135	2	1.5	13	0	0.0	148	2	1.4
Child of Woman with HIV/AIDS	4	0	0.0	0	0		4	0	0.0
Victim of Sexual Assault	425	3	0.7	21	0	0.0	446	3	0.7
Healthcare Exposure	156	0	0.0	21	0	0.0	177	0	0.0
Multiple Heterosexual Partners	7,236	32	0.4	402	3	0.7	7,638	35	0.5
Heterosexual Relations with:									
Man who had Sex with another Man	341	21	6.2	108	3	2.8	449	24	5.3
Injection Drug User	445	4	0.9	11	0	0.0	456	4	0.9
HIV/AIDS Positive Person	185	10	5.4	43	4	9.3	228	14	6.1
Person with Other HIV/AIDS Risk	387	11	2.8	36	1	2.8	423	12	2.8

Table 34. State Funded HIV Counseling and Testing, Jan. - Mar. 2002

	Confidential			Anonymous			Total		
Reason for Testing	**No.**	**Positive**	**% Pos.**	**No.**	**Positive**	**% Pos.**	**No.**	**Positive**	**% Pos.**
Volunteers	17,162	72	0.4	722	8	1.1	17,884	80	0.4
Referred by									
Partner	30	0	0.0	6	0	0.0	36	0	0.0
Provider	554	4	0.7	4	0	0.0	558	4	0.7
Other	818	20	2.4	7	0	0.0	825	20	2.4
Total	18,564	96	0.5	739	8	1.1	19,303	104	0.5

Post-Test Counseling	**No.**	**%**	**No.**	**%**	**No.**	**%**
Positive Post-Test Counseled	45	46.9	5	62.5	50	48.1
Negative Post-Test Counseled	6,629	35.9	572	78.2	7,201	37.5
Total	6,674	36.0	577	78.1	7,251	37.6

TABLE 35. Comparison of State Funded HIV Testing in Virginia

	2000			2001			Jan. - Mar. 2002		
	No.	**Positive**	**% Pos.**	**No.**	**Positive**	**% Pos.**	**No.**	**Positive**	**% Pos.**
Confidential	71,685	373	0.5	74,540	355	0.5	18,564	96	0.5
Anonymous	3,893	59	1.5	3,556	57	1.6	739	8	1.1
Total	75,578	432	0.6	78,096	412	0.5	19,303	104	0.5

TABLE 36. Comparison of Sexually Transmitted Diseases in Virginia [11]

	2000		2001		Jan. - June 2002	
	Cases	**Rate per 100,000**	**Cases**	**Rate per 100,000**	**Cases**	**Rate per 100,000**
Syphilis						
Primary/Secondary	126	1.80	102	1.44	36	1.02
Early Latent	140	2.00	133	1.88	45	1.27
Congenital	6	6.30	5	5.25	1	2.10
Gonorrhea	10,166	145.39	10,680	150.88	5,154	145.62
Chlamydial Infection	15,364	219.74	17,819	251.73	8,168	230.78

TABLE 37. Selected Sexually Transmitted Diseases by Locality

Locality	January - June 2002					January - June 2001				
	Syphilis			Chlamydia	Gonorrhea	Syphilis			Chlamydia	Gono
	Primary & Secondary	Early Latent	Total[18]			Primary & Secondary	Early Latent	Total[18]		
Accomack	0	0	6	58	13	0	0	1	82	1
Albemarle	0	0	0	19	2	0	0	0	10	2
Alexandria	5	4	16	178	79	1	3	13	170	2
Alleghany	0	0	0	1	0	0	0	2	3	3
Amelia	0	0	0	13	9	0	0	0	6	2
Amherst	0	0	0	22	30	0	0	1	37	1
Appomattox	0	0	0	11	14	0	0	1	22	1
Arlington	1	0	18	135	38	6	0	18	141	5
Augusta	0	0	0	20	1	0	0	0	19	8
Bath	0	0	0	4	0	0	0	0	8	0
Bedford City	0	0	0	20	8	0	0	0	31	1
Bedford Cnty	0	0	0	22	3	0	0	0	13	5
Bland	0	0	0	0	0	0	0	0	0	0
Botetourt	0	0	0	6	2	0	0	0	10	1
Bristol	0	0	0	23	1	0	0	0	33	4
Brunswick	0	0	0	14	12	0	0	1	28	2
Buchanan	0	0	0	10	1	0	0	0	4	0
Buckingham	0	0	0	20	12	0	0	0	13	6
Buena Vista	0	0	0	6	0	0	0	0	3	0
Campbell	0	0	0	23	25	0	0	1	38	2
Caroline	0	0	0	27	9	0	0	1	27	2
Carroll	0	0	0	29	2	0	0	0	21	0
Charles City	0	0	0	11	4	0	0	1	15	6
Charlotte	0	0	0	13	8	0	0	0	18	4
Charlottesville	0	0	0	174	46	0	1	1	155	2
Chesapeake	3	5	22	261	168	3	2	8	298	14
Chesterfield	1	0	4	133	60	0	0	2	151	5
Clarke	0	0	0	5	0	0	0	0	7	0

NOTE: At the end of 2001, the independent city of Clifton Forge reverted back to a town within Alleghany Co.

TABLE 37. Selected Sexually Transmitted Diseases by Locality (contin

Locality	January - June 2002					January - June 2001				
	Syphilis			Chlamydia	Gonorrhea	Syphilis			Chlamydia	Gono
	Primary & Secondary	Early Latent	Total [18]			Primary & Secondary	Early Latent	Total [18]		
Colonial Heights	0	0	0	21	3	0	0	0	32	1
Covington	0	0	0	7	0	0	0	0	12	1
Craig	0	0	0	1	0	0	0	0	2	0
Culpeper	0	0	0	25	15	0	0	1	52	1
Cumberland	0	0	1	4	5	0	0	0	6	0
Danville	0	2	3	217	118	7	9	21	244	9
Dickenson	0	0	0	6	0	0	0	0	8	0
Dinwiddie	0	0	0	11	6	0	0	1	19	3
Emporia	0	0	3	25	8	0	1	1	40	1
Essex	0	0	1	23	12	0	0	0	25	1
Fairfax City	0	0	2	37	19	0	0	0	73	5
Fairfax Cnty	3	5	31	283	73	1	0	17	331	9
Falls Church	0	1	8	46	7	0	0	2	45	4
Fauquier	1	0	1	27	6	0	0	0	39	7
Floyd	0	0	0	1	0	0	0	0	1	0
Fluvanna	0	0	0	17	4	0	0	0	18	2
Franklin City	0	0	0	43	26	0	0	0	50	1
Franklin Cnty	0	0	2	14	5	0	0	0	27	1
Frederick	0	0	1	13	2	0	0	0	20	2
Fredericksburg	0	0	0	91	37	1	0	2	125	1
Galax	0	0	0	16	3	0	0	0	8	1
Giles	0	0	0	10	3	0	0	0	8	0
Gloucester	0	0	0	33	10	0	0	0	30	4
Goochland	0	0	0	16	2	1	1	3	13	2
Grayson	0	0	0	3	0	0	0	0	2	0
Greene	0	0	0	8	2	0	0	0	8	0
Greensville	0	0	1	1	0	0	0	0	2	1

TABLE 37. Selected Sexually Transmitted Diseases by Locality (contir

Locality	January - June 2002					January - June 2001				
	Syphilis			Chlamydia	Gonorrhea	Syphilis			Chlamydia	Gono
	Primary & Secondary	Early Latent	Total [18]			Primary & Secondary	Early Latent	Total [18]		
Halifax	0	0	0	38	29	0	1	1	44	1
Hampton	1	0	3	308	197	0	1	9	343	20
Hanover	0	1	1	40	37	0	0	0	30	7
Harrisonburg	0	0	0	30	1	1	1	4	45	7
Henrico	0	2	3	109	102	0	4	6	175	11
Henry	0	0	1	71	34	0	4	4	49	3
Highland	0	0	0	2	0	0	0	0	0	0
Hopewell	0	0	1	25	18	0	0	0	40	2
Isle of Wight	0	1	1	48	41	0	0	1	58	1
James City	0	0	0	4	6	0	0	0	4	3
King and Queen	0	0	0	9	1	0	0	0	12	6
King George	0	0	0	25	11	0	0	1	33	9
King William	0	0	0	24	8	0	0	0	12	1
Lancaster	0	0	0	20	17	0	0	0	24	6
Lee	0	0	0	5	0	0	0	0	5	0
Lexington	0	0	0	6	1	0	1	1	8	3
Loudoun	1	0	2	75	15	0	0	2	94	2
Louisa	0	0	0	19	6	0	0	0	18	3
Lunenburg	0	0	1	7	4	0	0	0	22	7
Lynchburg	0	1	2	127	132	0	0	3	165	10
Madison	0	0	0	4	1	0	0	0	7	6
Manassas	0	1	4	60	22	0	0	3	55	1
Manassas Park	0	0	0	1	0	0	0	0	3	1
Martinsville	0	0	0	66	46	0	1	1	73	4
Mathews	0	0	0	8	3	0	1	1	0	0
Mecklenburg	0	1	4	31	28	0	0	0	58	3
Middlesex	0	0	0	10	2	0	0	0	12	0
Montgomery	0	0	0	57	10	0	0	0	16	2

TABLE 37. Selected Sexually Transmitted Diseases by Locality (contin

Locality	January - June 2002					January - June 2001				
	Syphilis			Chlamydia	Gonorrhea	Syphilis			Chlamydia	Gono
	Primary & Secondary	Early Latent	Total [18]			Primary & Secondary	Early Latent	Total [18]		
Nelson	0	0	0	8	1	0	0	0	14	2
New Kent	0	0	0	13	10	0	0	0	7	3
Newport News	0	0	9	437	475	3	1	10	490	42
Norfolk	8	9	30	628	675	22	14	49	634	59
Northampton	0	0	2	34	3	0	0	1	42	5
Northumberland	0	0	0	25	21	0	0	0	28	5
Norton	0	0	0	2	0	0	0	0	1	0
Nottoway	0	0	0	29	11	0	0	1	29	8
Orange	0	0	0	27	5	0	0	0	27	0
Page	0	0	0	13	1	0	0	0	11	0
Patrick	0	0	0	10	8	0	0	0	8	3
Petersburg	0	0	8	146	149	0	2	3	203	18
Pittsylvania	0	1	1	62	36	1	3	4	76	2
Poquoson	0	0	0	4	1	0	0	0	3	1
Portsmouth	3	5	17	258	205	0	2	3	209	21
Powhatan	0	0	3	12	2	1	0	2	3	2
Prince Edward	0	0	2	20	10	0	0	0	39	1
Prince George	0	0	0	91	22	0	0	0	91	3
Prince William	0	1	7	264	90	0	0	3	275	8
Pulaski	0	0	0	12	3	0	0	0	21	2
Radford	0	0	0	36	6	0	0	0	26	1
Rappahannock	0	0	0	5	3	0	0	0	6	0
Richmond City	2	4	12	1,092	932	8	23	41	912	86
Richmond Cnty	0	0	0	12	7	0	0	0	13	1
Roanoke City	0	0	5	226	188	0	0	4	318	18
Roanoke Cnty	0	0	0	13	5	0	0	0	16	5
Rockbridge	0	0	0	5	0	0	0	0	5	3
Rockingham	0	0	0	25	1	0	0	0	22	2

TABLE 37. Selected Sexually Transmitted Diseases by Locality (contin

Locality	January - June 2002					January - June 2001				
	Syphilis			Chlamydia	Gonorrhea	Syphilis			Chlamydia	Gono
	Primary & Secondary	Early Latent	Total [18]			Primary & Secondary	Early Latent	Total [18]		
Russell	0	0	0	7	0	0	0	0	4	0
Salem	0	0	0	20	9	0	0	0	18	7
Scott	0	0	0	4	2	0	0	0	8	1
Shenandoah	0	0	0	14	2	1	0	1	11	0
Smyth	0	0	0	21	3	0	0	0	21	2
Southampton	0	0	0	39	15	0	0	0	42	1
Spotsylvania	0	0	0	33	11	0	0	1	53	8
Stafford	0	0	1	46	10	0	0	1	53	8
Staunton	0	0	1	34	15	0	0	0	51	1
Suffolk	1	0	8	201	160	0	1	4	177	15
Surry	0	0	0	12	8	0	0	0	20	3
Sussex	0	0	2	12	8	0	0	0	18	7
Tazewell	0	0	0	13	0	0	0	0	9	0
Virginia Beach	6	1	17	442	272	2	3	23	416	19
Warren	0	0	0	24	9	0	0	0	30	3
Washington	0	0	0	4	1	0	0	0	2	2
Waynesboro	0	0	0	55	15	0	0	1	73	1
Westmoreland	0	0	0	34	10	0	0	0	34	1
Williamsburg	0	0	1	56	28	0	1	1	31	2
Winchester	0	0	0	59	11	0	0	0	84	4
Wise	0	0	0	11	2	0	0	0	17	0
Wythe	0	0	0	10	0	1	0	1	13	2
York	0	0	0	22	8	0	0	0	19	2
TOTAL	36	45	269	8,168	5,154	60	81	290	8,741	4,5

Table 38. Sexually Transmitted Diseases by Age, Race and Gender for January through June 2002

PRIMARY & SECONDARY SYPHILIS

	WHITE		BLACK		OTHER		UNKNOWN		TOTAL		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	TOTAL [19]
0-4	0	0	0	0	0	0	0	0	0	0	0
5-9	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	1	2	0	0	0	0	1	2	3
20-24	2	0	3	2	0	0	0	0	5	2	7
25-29	0	0	1	1	1	0	0	0	2	1	3
30-34	2	0	4	0	0	0	0	0	6	0	6
35-39	1	0	1	1	0	0	0	0	2	1	3
40-44	0	0	2	2	0	0	0	0	2	2	4
45-54	3	1	1	0	0	0	0	0	4	1	5
55-64	1	0	2	1	0	0	0	0	3	1	4
65-98	0	0	0	0	0	0	0	0	0	0	0
UNKNOWN	0	0	1	0	0	0	0	0	1	0	1
TOTAL	9	1	16	9	1	0	0	0	26	10	36

EARLY LATENT SYPHILIS

	WHITE		BLACK		OTHER		UNKNOWN		TOTAL		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	TOTAL [19]
0-4	0	0	0	0	0	0	0	0	0	0	0
5-9	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	1	0	0	0	0	0	1	1
15-19	0	1	0	1	0	0	0	0	0	2	2
20-24	1	0	3	2	2	1	0	0	6	3	9
25-29	1	0	1	1	1	0	0	0	3	1	4
30-34	0	0	2	3	0	0	0	0	2	3	5
35-39	0	0	4	2	0	0	1	0	5	2	7
40-44	1	0	6	1	1	0	0	0	8	1	9
45-54	0	0	3	3	1	0	0	0	4	3	7
55-64	0	0	0	0	0	0	0	0	0	0	0
65-98	0	0	0	1	0	0	0	0	0	1	1
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	1	19	15	5	1	1	0	28	17	45

TOTAL EARLY SYPHILIS

	WHITE		BLACK		OTHER		UNKNOWN		TOTAL		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	TOTAL [19]
0-4	0	0	0	0	0	0	0	0	0	0	0
5-9	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	1	0	0	0	0	0	1	1
15-19	0	1	1	3	0	0	0	0	1	4	5

Table 38. Sexually Transmitted Diseases by Age, Race and Gender for January through June 2002

TOTAL SYPHILIS [18]

	WHITE		BLACK		OTHER		UNKNOWN		TOTAL		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	TOTAL [19]
0-4	0	0	0	1	0	0	0	0	0	1	1
5-9	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	1	1	0	0	0	0	1	1	2
15-19	0	1	1	3	0	0	0	0	1	4	5
20-24	3	0	8	9	4	5	0	1	15	15	30
25-29	2	0	9	7	10	2	0	1	21	10	31
30-34	2	1	10	10	5	6	0	0	17	17	35
35-39	5	1	9	5	3	1	1	0	18	7	26
40-44	5	2	17	12	4	0	1	2	27	16	43
45-54	8	3	23	12	5	4	1	0	37	19	56
55-64	2	0	8	4	2	0	0	3	12	7	19
65-98	1	2	2	10	0	0	4	1	7	13	20
UNKNOWN	0	0	1	0	0	0	0	0	1	0	1
TOTAL	28	10	89	74	33	18	7	8	157	110	269

GONORRHEA

	WHITE		BLACK		OTHER		UNKNOWN		TOTAL		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	TOTAL [19]
0-4	1	0	0	0	0	0	0	1	1	1	2
5-9	0	0	0	0	0	0	0	1	0	1	1
10-14	0	4	9	49	0	0	1	11	10	64	74
15-19	27	130	370	725	6	23	42	101	445	979	1,426
20-24	75	121	649	729	19	14	65	78	808	942	1,751
25-29	27	63	377	260	3	5	36	29	443	357	800
30-34	36	18	222	96	2	5	34	19	294	138	432
35-39	26	22	151	66	6	1	12	13	195	102	297
40-44	13	16	107	37	0	0	17	4	137	57	195
45-54	17	1	75	9	0	0	17	5	109	15	124
55-64	2	0	18	1	0	0	2	0	22	1	23
65-98	0	0	6	0	0	0	1	0	7	0	7
UNKNOWN	1	1	2	2	0	0	7	7	10	10	22
TOTAL	225	376	1,986	1,974	36	48	234	269	2,481	2,667	5,154

CHLAMYDIA

	WHITE		BLACK		OTHER		UNKNOWN		TOTAL		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	TOTAL [19]
0-4	1	1	2	1	0	0	1	3	4	5	9
5-9	0	0	0	0	0	0	0	0	0	0	0
10-14	1	34	6	111	0	3	0	18	7	166	173
15-19	56	723	249	1,548	17	129	39	317	361	2,717	3,081

Program News

The ***Program News*** section of the Surveillance Quarterly is being discontinued. Information disseminated through the ***Program News*** can now be found in the Division's monthly electronic bulletin. The Division of HIV/STD's E-bulletin provides a more time and cost effective way to share important programmatic information with a wide audience. If you would like to be added to the distribution list, please send a email to emartin@vdh.state.va.us.

Assessing Street and Community-Based Oral HIV Antibody Testing

During 2000 and 2001, the Division of HIV/STD conducted a pilot of HIV antibody testing using oral mucosal transudate, hereinafter referred to by the brand name, OraSure, to assess the effectiveness and feasibility of offering HIV testing in outreach and other non-invasive clinical settings.

Benefits of Oral Testing

OraSure offers several benefits over traditional serum testing. Because no phlebotomist is needed, a wider variety of individuals can administer the test. The potential for an occupational exposure is greatly reduced. Testing can be moved from the clinical setting into communities to provide testing opportunities to individuals who are reluctant to seek health department-based services or have transportation or other access issues. OraSure may also be useful when finding a vein is difficult or for individuals who are fearful of needles.

Goals of the Pilot Project

One purpose of this pilot was to determine if the benefits of this testing method outweighed the increased cost, which is almost three times that of traditional testing. Additional questions to be answered included:

- Will persons not previously tested for HIV access testing services in an outreach setting?
- Will more individuals at high-risk for HIV be tested in an outreach setting compared to clinical settings, resulting in an increased seropositivity rate?
- Is there an indication for use of OraSure in non-invasive clinical settings such as walk-in pregnancy clinics or TB clinics?
- Will outreach specialists be able to locate individuals tested in order to provide test results and post-test counseling?

Methodology

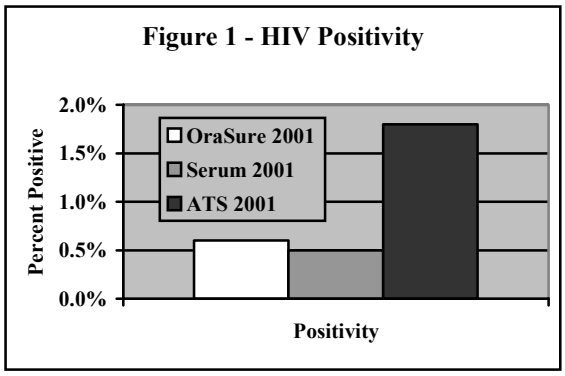
A total of 15 agencies participated in the pilot including nine community-based organizations (CBOs), two community services boards (CSBs), and four health districts. The CBOs conducted testing during street and community outreach interventions in high-risk communities and one local jail. The CSBs conducted testing in both outreach settings and drug treatment settings. Three local health districts conducted testing in walk-in pregnancy clinics; one health district conducted testing in its tuberculosis clinic. Agencies that agreed to participate received no funding for their participation and incorporated the testing into their ongoing prevention programs. CBOs were invited to participate based on existence of an active outreach program, geographic locality and inclusion of both minority and non-minority agencies.

Individuals conducting outreach-based testing were required to complete the Prevention Counseling Course Series, The Facts and The Fundamentals, and the Division of HIV/STD's three-day street and community outreach training. All participants were required to attend a one-day OraSure training that covered laboratory testing for HIV antibody, use of the OraSure device, completion of lab slips and other required documentation, informed consent, confidentiality, security of testing data, transport of testing specimens and receipt of test results. Participant agencies were also encouraged to attend Partner Counseling and Referral Services (PCRS) training.

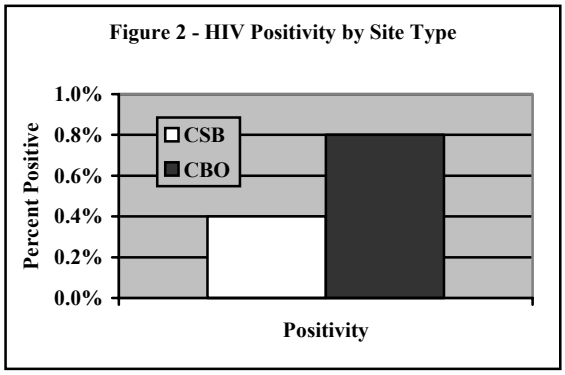
The first agency began confidential OraSure testing in April 2000 with additional agencies initiating testing over the next eight months. The courier services of local health departments were used to transport testing specimens to the Division of Consolidated Laboratory Services. The testing agencies provided post-test counseling to both positive and negative clients; however, PCRS was provided by health counselors at local health districts. The Division of HIV/STD's counseling and testing coordinator provided ongoing technical assistance and training to sites throughout the length of the pilot. Follow-up training was provided on several occasions to accommodate new staff and offer a refresher for several agencies.

Results

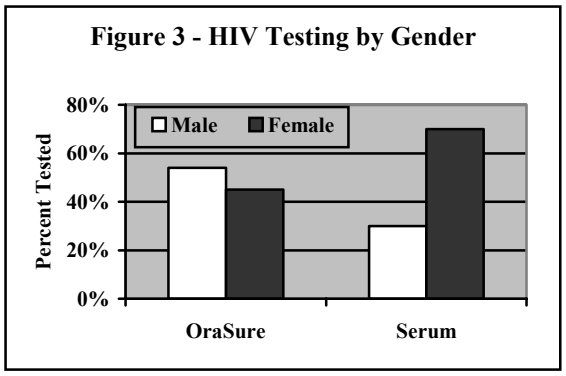
During the pilot 5,312 tests were conducted and 33 HIV infected persons were identified. The overall seropositivity rate for the pilot sites was 0.6%, which was slightly higher but similar to the 0.5% found in sites conducting serum testing in 2001. The OraSure rate was lower than the 1.8% seropositivity found in anonymous test sites, however (Figure 1).

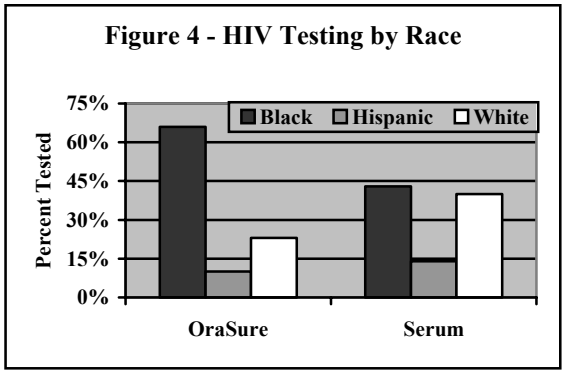


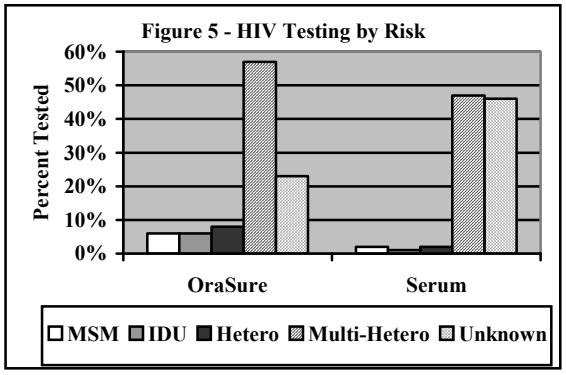
Of those tested, 1,286 or 24.2% were being tested for the first time. The seropositivity rate among this group was slightly higher at 0.7%. There were no positives identified in either the walk-in pregnancy clinics or tuberculosis clinics. Overall, the individuals tested by CBOs had a significantly higher seropositivity rate (0.8%) than individuals tested by the CSBs (0.4%). Health department clinics had zero positives. (Figure 2).



Historically, persons most likely to test positive for HIV in Virginia are males, African-Americans, men who have sex with men (MSM) and injecting drug users (IDU). The pilot OraSure sites tested a higher percentage of persons that fit these criteria than did overall serum testing in clinical settings, demonstrating that community-based testing is effective in reaching high-risk populations. ATS reported the highest percentage of MSM being tested but the lowest percentages of IDU and Black clients. In addition, the percentage of OraSure clients whose risk was unknown was 22.6% compared to 46.2% reported from serum testing. Whether this is an artifact of data collection and reporting or an indication that clients were more forthcoming with risk information outside of a clinical setting is not known (Figures 3-5).





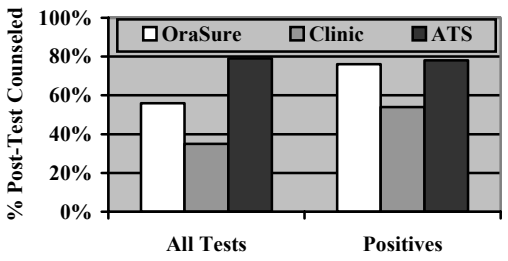


A primary concern in the expansion of HIV testing to community outreach settings focused on the ability to locate and follow up with individuals tested in order to provide test results and prevention counseling. Traditionally, we have seen high return rates at ATS in which clients are highly motivated to return for results and lower return rates from clinics where routine testing is provided and HIV testing is usually not the primary reason for the clinic visit.

The OraSure pilot sites post-test counseled 55.6% of persons tested compared to 35% reported from clinic settings and 79.2% reported from ATS. The post-test counseling rate for OraSure positives (75.8%) was extremely close to the ATS rate of 78.1% and significantly higher than the 53.5% reported in clinic

settings. The percentage for positive OraSure first-time testers was slightly higher at 77.8% (Figure 6).

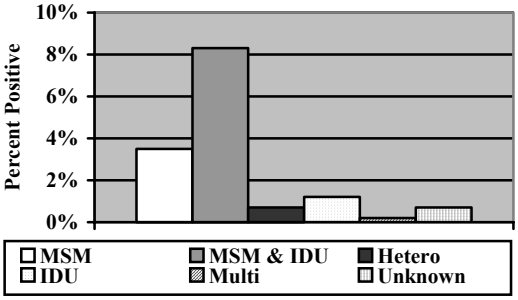
Figure 6 - HIV Post-Test Counseling



The cost to identify one HIV-infected person was also analyzed. The number of people tested was multiplied by cost of the test and divided by the number of HIV-infected persons identified. Using device and laboratory costs of $14.70 per OraSure test revealed large differences based on transmission risk factors. The cost to identify one HIV-positive person was $405 for MSM and $1,055 for IDU. To identify a heterosexual contact to a person with HIV was $2,009. This cost jumped to $8,834 to identify one case of HIV among people reporting multiple heterosexual contacts.

For all populations, the cost to identify persons with HIV was greater for OraSure than for serum testing which costs approximately $5.00 per test; however, the cost difference was the most extreme when testing lower risk populations. There was $312 cost difference to identify one MSM through OraSure versus serum; however, this difference increased to $7,376 to identify a positive individual reporting multiple heterosexual contacts. These data clearly illustrate the need to focus OraSure testing on those populations with high seropositivity rates (Figure 7) who might not otherwise come to the health department for testing.

Figure 7 - OraSure Positivity by Risk



Conclusions

OraSure testing can be an effective tool for providing confidential testing services to high-risk populations in outreach settings. Community-based testing may be especially important in reaching African-Americans and injecting drug users who do not extensively utilize anonymous testing services in Virginia, and reaching MSM, who have used clinic-based confidential testing in declining numbers over the past few years.

OraSure clients are highly motivated to return for test results as barriers to receiving results are greatly reduced. CBOs were shown to be successful in the provision of post test counseling. As the majority of CBOs provide case management and support services, linkages to care and support can be enhanced through community-based testing. The high cost of OraSure, however, dictates careful targeting to achieve the best use of resources.

The results of the pilot program led to the creation of the OraSure Testing and Intensive Outreach Services Grants Program in the fall of 2001. Eight agencies successfully competed for funds provided through a supplemental award to Virginia's HIV Prevention Cooperative Agreement with the Centers for Disease Control and Prevention. While there were no restrictions on populations tested under the pilot study, agencies funded under the OraSure grants program are required to focus testing on MSM, IDU and sex partners of these groups. Emphasis within these populations is to be placed on racial/ethnic minorities. No more than 15% of testing is to be directed to other populations.

The Division extends its appreciation to the agencies that collaborated on the OraSure Pilot Project: AIDS Response Effort, AIDS/HIV Services Group, Chesapeake Health District, District 19 CSB, Division of Consolidated Laboratory Services, Fairfax Health District, Hopkins House, Hampton-Newport News CSB, MEN Inc., Norfolk Health District, Northern Virginia AIDS Ministry, Planned Parenthood of Southeastern Virginia, Tidewater AIDS Crisis Taskforce, Urban League of Hampton Roads and the Western Tidewater Health District

Submitted by Elaine G. Martin
Director of Community Services

Ryan White Comprehensive AIDS Resources Emergency (CARE) Act

On August 18, 1990, Congress passed the Public Law 101-381, the Ryan White Comprehensive AIDS Resources Emergency (CARE) Act. This act was named after an 18 year old Indiana teenager, Ryan White, who contracted HIV/AIDS through blood products he received to treat his Hemophilia. He died the same year this law was passed.

The CARE Act is intended to help communities and States increase the availability of HIV outpatient primary health care and support services, in order to reduce utilization of more costly inpatient care, increase access to care for underserved populations, and improve the quality of life of those infected or affected by the epidemic.

The Health Resources and Services Administration's (HRSA) HIV/AIDS Bureau (HAB) implements the CARE Act through:

Title I
Eligible Metropolitan Areas (EMAs) with the largest number of reported cases of AIDS, to meet emergency service needs of people living with HIV (PLWH). Norfolk Metropolitan Area receives Title I funding directly. Northern Virginia receives this funding as part of Washington, D.C. EMA.

Title II
All States, the District of Columbia, Puerto Rico, and eligible U. S. Territories to improve outpatient health care and support services. Title II also funds the AIDS Drug Assistance Program (ADAP), which provides the latest approved medications to treat HIV and associated conditions free of charge to eligible HIV positive persons. Virginia Department of Health has received this funding since 1991. The ADAP formulary in Virginia currently has 55 medications. Medications to treat HIV patients co-infected with Hepatitis C or tuberculosis and vaccinations against Hepatitis A, B, and Pneumovax were recently added to the formulary.

Title III
Public and private nonprofit entities to support outpatient early intervention HIV services for PLWH. The University of Virginia and Mary Washington College in Northwest , Carilion Health Systems in Southwest and Inova in Northern Virginia are funded through Title III.

Title IV
Public and private nonprofit entities to provide enhanced services and access to research for children, youth, women, and families with HIV/AIDS. In Northern Virginia, Inova receives this funding. VCU/MCV in Central Virginia also receives this funding.

Part F
Special Project of National Significance (SPNS) to support:

- The development of innovative models of HIV/ADS care that are designed to be replicable and have a strong evaluation component.
- AIDS Education and Training Center (AETC) to conduct education and training for health care providers. VCU/AIDS Center serves as a local performance site for the Pennsylvania AETC.
- The HIV/AIDS Dental Reimbursement Program, to assist accredited dental schools and post-doctoral dental program with uncompensated costs incurred in providing oral health treatment to HIV-positive patients. MCV

Dental School is a recipient of this funding in Virginia.

The CARE Act was reauthorized for 4 years in 1996 and again in 2000 for 5 more years.

Submitted by Michelle Baker, R.N.
Public Health Nurse Senior

TECHNICAL NOTES

The Commonwealth of Virginia has required the reporting of individuals testing positive for antibodies to Human Immunodeficiency Virus (HIV) since July 1989 and of individuals diagnosed with Acquired Immunodeficiency Syndrome (AIDS) since 1983. Syphilis and gonorrhea have been reported since 1941, and chlamydial infections have been reported since 1989.

Each issue of this report includes information received and tabulated through the last day of the quarter. Data are tabulated using date of report by the Virginia Department of Health, Division of HIV/STD, unless otherwise noted.

1. HIV age group tabulations are based on the person's age when the earliest positive HIV test was documented. AIDS age group tabulations are based on the person's age at diagnosis of AIDS. Adolescent/adult cases include persons 13 years of age and older; pediatric cases include children under 13 years of age.
2. "Men Having Sex with Men (MSM)" includes men who report sexual contact with other men and men who report sexual contact with both men and women.
3. "Heterosexual Contact" includes persons who report specific heterosexual contact with an HIV-infected person or with a person at increased risk for HIV infection (e.g., an injecting drug user). Previously, individuals born in "Pattern II" countries were presumed to have acquired HIV infection through heterosexual contact and were included in the "heterosexual contact" mode of transmission. For cases entered after January 1, 1993, being born in a Pattern II country is not considered a sufficiently documented risk for HIV transmission. [The term Pattern II was designated by the World Health Organization (MMWR 1988; 37:286-8, 293-5) to describe areas of sub-Saharan Africa and some Caribbean countries with a distinct transmission pattern in which most reported cases occurred in heterosexuals and the male-to-female ratio is approximately 1:1.]
4. "Transfusion Blood/Products" refers to transmitting of HIV via transfusing blood or blood products or transplanting tissue or organs before to March 1985. Cases reporting these modes of transmission after March, 1985 are recorded with this risk only after confirmatory investigations.
5. As of October 2001, “Multiple Heterosexual Contacts” has been redefined as HIV or AIDS cases having had sexual relations with ten or more lifetime heterosexual partners, or three or more heterosexual partners in the previous twelve months. Prior to October 2001, "Multiple Heterosexual Contacts" indicated HIV or AIDS cases having none of the other identified risk factors, but have had two or more heterosexual partners with undocumented risks.
6. "Undetermined/Unknown" includes HIV cases not counseled due to medical reasons or who refused counseling. Undetermined/Unknown also includes AIDS cases lost to surveillance follow-up and for which a risk could not be established.
7. It is possible for an adult/adolescent AIDS case to have a pediatric mode of transmission.
8. Due to small cell size, only regional totals are provided. District totals are combined into the Other/Unknown category.
9. Cell size is too small to report; frequency is added to Other/Unknown categories if too small to report separately.
10. "Other" includes hemophilia, transfusion blood/products, pediatric, multiple heterosexual contact undetermined/unknown and no identified risk.
11. Rates are based on 2000 US Census Data and adjusted quarterly for comparison.
12. HIV totals are cumulative from July 1989; AIDS totals are cumulative from 1982.
13. Due to small cell sizes, Hispanic, Asian/Pacific Islander and American/Alaskan Native have been combined into "OTHER" to protect confidentiality. Totals for these racial/ethnic categories may be found in Table 1.
14. Due to small cell sizes, hemophilia includes males and females to protect confidentiality. This category includes all chronic bleeding problems due to a low level of any of the blood's circulating proteins that results in the inability of the blood to clot normally. The most common disorders are hemophilia A (factor VIII), hemophilia B (factor IX) and von Willebrand's disease. These disorders are treated with infusions of manufactured blood clotting factor products.
15. Due to reporting lags, year of diagnosis provides a more accurate indication of trends in the epidemic.
16. Localities are assigned based on the city or county of residence when the first positive HIV antibody test was performed (for HIV cases) and when AIDS was diagnosed (for AIDS cases). Different localities may be reported

for HIV and AIDS for the same case. Changes of residence following each initial report (HIV and AIDS) are not reported. Cases reported by state and federal correctional facilities are assigned to the locality where the correctional facility is located. AIDS deaths are based on the locality of residence at the time of AIDS diagnosis. AIDS deaths indicate only AIDS cases known to have died; AIDS deaths are displayed for a locality when the number of deaths equals or exceeds 3.

17. Other pediatric modes of transmission include adult modes of transmission such as sexual contact or injecting drug use.

18. Total Syphilis includes Primary, Secondary, Early Latent, Late Latent and Congenital Syphilis.

19. Total includes cases where gender was not reported.

20. Immunologic refers to AIDS cases testing seropositive on HIV antibody tests and reporting an absolute CD4 value of <200µl or a relative value of <14% of total lymphocytes with no evidence of opportunistic infection. This category was added to the AIDS case definition in January 1993 along with pulmonary tuberculosis, recurrent pneumonia and invasive cervical cancer.

21. Tables 34 and 35 summarize the number of HIV tests processed by the Division of Consolidated Laboratory Services (DCLS), the central state laboratory. Tests conducted by private laboratories are not included.

22. Incidence Rate per 100,000 is calculated by dividing the number of new cases reported by the population size during a defined length of time (I = # of new cases / (% of 1 year x population) x 100,000).

Virginia Department of Health

Division of HIV/STD Directory

Casey W. Riley, Director

Disease Reporting

HIV/AIDS case assistance			
Regional Consultants	Northern	Jonne Warner, MPH	(804) 786-5189
	Northwest/Southwest	Suzanne Willis, MSW	(804) 371-4116
	Central	Joan Chaplin	(804) 371-6307
	Eastern	Nene Diallo, MPH	(804) 371-6306
Pediatric Coordinator	Statewide	Vacant	(804) 371-4114
Hepatitis C Consultant	Statewide	Joyce Johnson, MT (ASCP)	(804) 371-4121
STD Consultant	Statewide	John Barnhart, MPH	(804) 225-2615

Facsimile ..... (804) 225-3517

Chlamydia Prevention Program ..... (804) 786-3212
Screening, treatment and education

Community Services ..... (804) 786-0877
Information on prevention funding, education resources, community planning, training and programs

Health Care Services ..... (804) 786-9899
Information on AIDS Drug Assistance Program, Ryan White programs and healthcare

HIV Counseling, Testing and Partner Counseling and Referral Services ..... (804) 371-2911
Information on HIV testing services and publicly funded counseling and testing sites; guidelines for HIV counseling, testing and partner counseling and referral

HIV/STD and Viral Hepatitis Hotline ..... (800) 533-4148
Brochures, information, literature, posters

Media and Communications ..... (804) 371-4122
Public relations campaigns, special events and media inquiries

Statistical Requests ..... (800) 533-4148
HIV/AIDS/STD statistical data

Syphilis Elimination Project ..... (804) 225-2241
Screening, treatment and education

Viral Hepatitis Prevention and Control Program ..... (804) 692-0290
Information on education resources, training and referrals

HIV/STD LITERATURE REQUEST FORM

REVISED AUGUST 2002

All NAMES MUST BE FULLY WRITEN OUT NO ABBREVIATIONS

DATE: _____ **PHONE:** _____

NAME: Agency, or Company NAME

_____

STREET ADDRESS: _____

_____

PLEASE NOTE: NO P O BOX STREET ADDRESSES ONLY

IF YOU HAVE QUESTIONS ON PAMPHLETS AND QUANTITY PLEASE CALL 1-800-533-4148

PLEASE SPECIFY QUANTITY

VDH BROCHURES

_____HD01 How to use a Condom (Rubber)
_____HD02 HIV Antibody Test
_____HD03 Sexually Transmitted Diseases
_____HD04 African-Americans: Take Steps To Protect Your Body
_____HD05 HIV FACTS-What are Your Risks?
_____HD06 Shooting Up and HIV/AIDS
NEW →_____HD07 Important Precautions for Tattoo & Body Piercing Staff
NEW →_____HD08 Universal Precautions (card) (replaces AIDS in the Workplace)
_____HD09 Dear Marriage License Applicants
_____HD10 ABC's of Day Care Attendance
_____HD11 Guidelines for School Attendance (1 copy only)
_____HD12 What About This Disease Called CHLAMYDIA
_____HD13 Virginia ADAP, Information for Providers
_____HD14 It's Your Body, Respect It! Protect It! (condom cover)
_____HD15 Information for Patients ADAP

CHANNING BETE BROCHURES

_____CB01 You, Your Baby and HIV
_____CB02 Abstinence--Saying "No" to Sex
_____CB03 Anyone Can Get AIDS
_____CB04 Hepatitis C--What you should know
_____CB05 HIV, Women Get It Too
_____CB06 Young People Get HIV
_____CB07 Genital Warts and HPVs-What you need to know
_____CB08 About Herpes
_____CB09 About Viral Hepatitis (NEW LOOK)
_____CB11 About Pelvic Inflammatory Disease
_____CB12 About Vaginal Infections
_____CB13 Stay Free From Hepatitis B

POSTERS

_____VP02 "So You Think Chlamydia is a Flower?"(Adult)
_____VP03 "Infection Control" (universal precautions)
_____VP04 "So You Think Chlamydia is a Flower?"(Adult, SPANISH)
_____VP05 "So You Think Chlamydia is a Flower?" (Teen, SPANISH)
_____VPO7 "Pssst-Pssst" (pregnancy and HIV test)
_____VPO8 "So You Think Chlamydia is a Flower?" (Teen)

SPANISH BROCHURES

_____HS02 HIV Antibody Test
_____HS06 Shooting Up and HIV/AIDS
NEW →_____HS08 Universal Precautions (card)
_____HS12 What About This Disease Called CHLAMYDIA
_____HS14 It's Your Body, Respect It! Protect It! (condom cover)
_____HS15 Information for Patients ADAP
_____BS01 You, Your Baby and HIV
_____BS02 Abstinence--Saying "NO" to Sex
_____BS03 Anyone Can Get AIDS
_____BS04 Hepatitis C--What you should know
_____BS05 HIV, Women Get It Too
_____BS06 Young People Get AIDS
_____BS07 Genital Warts and HPVs-What You Need To Know
_____BS13 Stay Free From Hepatitis B
_____BS14 Sex is Safer with a Condom
_____BS15 SEX & STDs, How to Stay Safe

Mail all requests to:

Virginia Department of Health
Division of HIV/STD, Room 112
P.O. Box 2448
Richmond, VA 23218-2448
FAX: (804) 225-3517

Virginia Department of Health
Division of HIV/STD
P.O. Box 2448, Room 112
Richmond, Virginia 23218

VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment